GoldStar

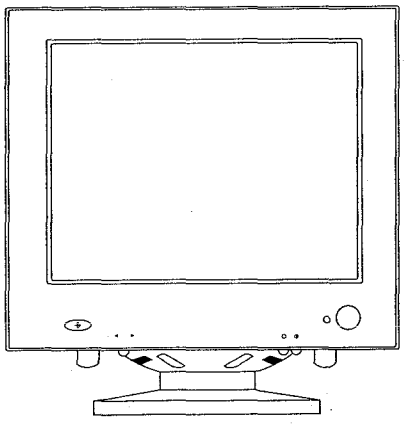
COLOR MONITOR
SERVICE MANUAL

CHASSIS NO. : CA-38

MODEL : StudioWorks 76i / CS770

CAUTION

BEFORE SERVICING THE UNIT, READ THE **SAFETY PRECAUTIONS** IN THIS MANUAL.



CONTENTS

SPECIFICATIONS 2
SAFETY PRECAUTIONS 3
TIMING CHART 4
OPERATING INSTRUCTIONS 5
CONTROL LOCATIONS 7
WIRING DIAGRAM 8
DISASSEMBLY 9
BLOCK DIAGRAM 11
DESCRIPTION OF BLOCK DIAGRAM..... 12
ADJUSTMENT 14
TROUBLE-SHOOTING GUIDE 16
PRINTED CIRCUIT BOARD..... 27
EXPLODED VIEW..... 31
REPLACEMENT PARTS LIST 35
PACKING AND ACCESSORY 56
SCHEMATIC DIAGRAM 57

SPECIFICATIONS

1. PICTURE TUBE

Size	: 17 inch
Gun	: In-line
Deflection Angle	: 90°
Neck Diameter	: 29.1 mm
Phosphor	: P22
Transmission	: 52%
Dot Pitch	: 0.28 mm
Low Radiation	: MPR- Ⅱ

2. SIGNAL

2-1. HORIZONTAL & VERTICAL SYNC

1) Input Voltage Level : Low=0~0.8V, High=2.1~5.5V

2)Sync Polarity : Positive or Negative

2-2. VIDEO INPUT SIGNAL

1) Voltage Level	: 0~0.7 V
a) Color 0, 0	: 0 Vp-p
b) Color 7, 0	: 0.467 Vp-p
c) Color 15, 0	: 0.7 Vp-p
2) Input Impedance	: 75 ohm
3) Video Color	: R, G, B Analog
4) Signal Format	: Refer To Timing Chart

2-3. SIGNAL CONNECTOR

15 Pin D-Sub Connector

2-4. SCANNING FREQUENCY

Horizontal	: 30 ~ 65 kHz
Vertical	: 50 ~ 110 Hz

3. POWER SUPPLY

3-1. POWER RATING

AC 90~264V (Free Voltage), 50/60Hz, 1.5A Max.

3-2. POWER CONSUMPTION

MODE	H/V SYNC	POWER CONSUMPTION	LED COLOR
NORMAL (ON)	ON/ON	less than 110 W	GREEN
STAND-BY	OFF/ON	less than 15 W	GREEN/ORAGEN BLINKING
SUSPEND	ON/OFF	less than 15 W	
OFF	OFF/OFF	less than 5 W	ORANGE

4.DISPLAY AREA

4-1. Active Video Area	: 300 mm X 225 mm (Available for Full Screen)
4-2. Display Color	: Full Colors
4-3. Display Resolution	: 1280 Dots X 1024Lines (Non-Interlace)
4-4. Video Bandwidth	: 100 MHz

5. ENVIRONMENT

6-1. Operating Temperature	: 10 °C to 35 °C (Ambient)
6-2. Relative Humidity	: 8% to 80% (Noncondensing)
6-3. Altitude	: 10,000 ft

6. DIMENSIONS (W/TILT SWIVEL)

Width	: 412.0 mm
Depth	: 431.0 mm
Height	: 428.5 mm

7. WEIGHT (W/TILT SWIVEL)

Net. Weight	: 17.0 kg
Gross Weight	: 20.5 kg

SAFETY PRECAUTIONS

SAFETY-RELATED COMPONENT WARNING!

There are special components used in this color monitor which are important for the safety. These parts are marked ⚠ on the schematic diagram and the replacement parts list. It is essential that these critical parts should be replaced with the manufacture's specified parts to prevent X-radiation, shock, fire or other hazards. Do not modify the original design without obtaining written permission from LG Electronics Inc. or this will void the original parts and labor guarantee.

CAUTION: No modification of any circuit should be attempted.
Service work should be performed only after you are thoroughly familiar with all of the following safety checks and servicing guidelines.

SAFETY CHECK

Care should be taken while servicing this color monitor because of the high voltage used in the deflection circuits. These voltages are exposed in such areas as the associated flyback and yoke circuits.

FIRE & SHOCK HAZARD

- An isolation transformer must be inserted between the color monitor and AC power line before servicing the chassis.
- In servicing, attention must be paid to the original lead dress specially in the high voltage circuit. If a short circuit is found, replace all parts which have been overheated as a result of the short circuit.
- All the protective devices must be reinstalled per original design.
- Soldering must be inspected for the cold solder joints, frayed leads, damaged insulation, solder splashes or the sharp points. Be sure to remove all foreign materials.

IMPLOSION PROTECTION

All used display tubes are equipped with an integral implosion protection system, but care should be taken to avoid damage and scratching during installation. Use only same type display tubes.

X-RADIATION

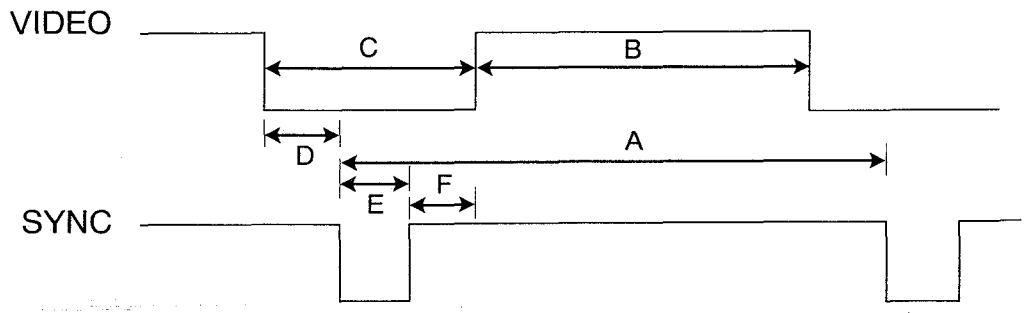
The only potential source of X-radiation is the picture tube. However, when the high voltage circuitry is operating properly there is no possibility of an X-radiation problem. The basic precaution which must be exercised is keep the high voltage at the factory recommended level: the normal high voltage is 25kV and must not exceed 30kV at zero beam current at rated voltage. The following steps describe how to measure the high voltage and how to prevent X-radiation.

Note : It is important to use an accurate high voltage meter calibrated periodically.

- To measure the high voltage, use a high impedance high voltage meter, connect (-) to chassis and (+) to the CRT anode cap.
- Set the brightness control to maximum point.
- Measure the high voltage. The high voltage meter should be indicated at the factory recommended level.
- If the meter indication exceeds the maximum level, immediate service is required to prevent the possibility of premature component failure.
- To prevent X-radiation possibility, it is essential to use the specified picture tube.

CAUTION:
Please use only plastic screwdriver for shock protection during service operation.

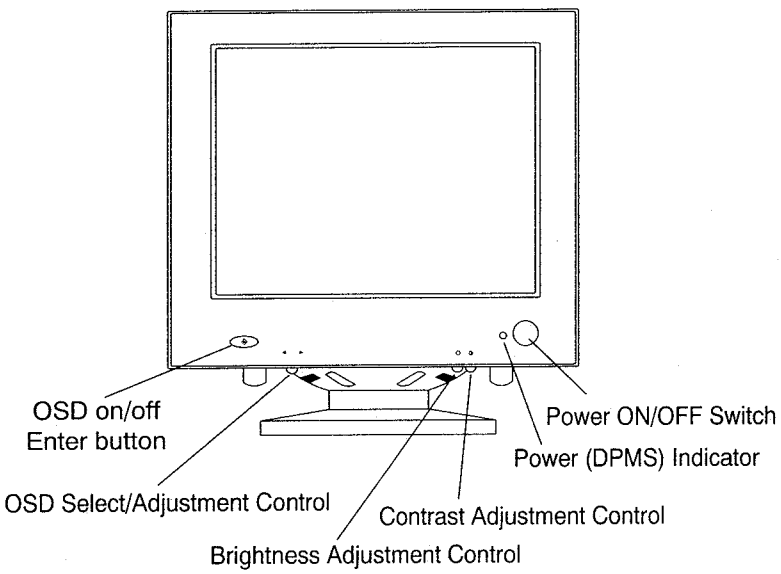
TIMING CHART



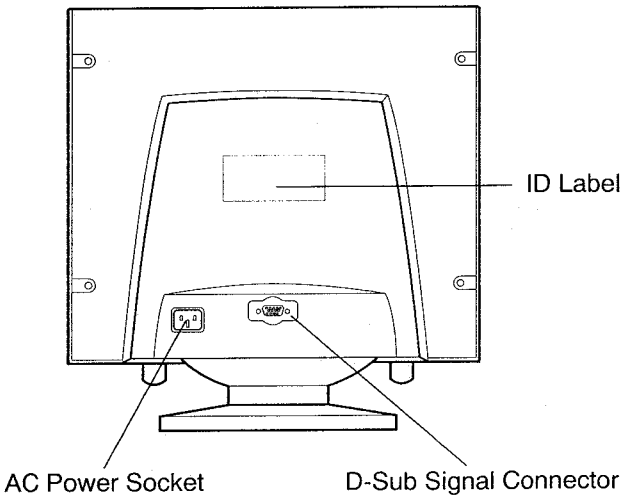
MODE			MARK	MODE 1	MODE 2	MODE 3	MODE 4	MODE5	MODE 6	MODE7
HORIZONTAL	Sync Polarity			−	−	−	+	−	+	+
	Frequency	kHz		31.467	31.467	37.500	46.875	56.476	60.023	63.981
	Total Period	μs	A	31.778	31.778	26.667	21.333	17.707	16.660	15.630
	Video Active Time	μs	B	25.422	25.422	20.317	16.162	13.653	13.003	11.852
	Blanking Time	μs	C	6.356	6.356	6.350	5.171	4.053	3.657	3.778
	Front Porch	μs	D	0.636	0.636	0.508	0.323	0.320	0.203	0.444
	Sync Duration	μs	E	3.813	3.813	2.032	1.616	1.813	1.219	1.037
	Back Porch	μs	F	1.907	1.907	3.810	3.232	1.920	2.235	2.296
VERTICAL	Sync Polarity			+	−	−	+	−	+	+
	Frequency	Hz		70.077	59.941	75.000	75.000	70.069	75.029	60.020
	Total Period	ms	A	14.270	16.683	13.333	13.333	14.272	13.328	16.661
	Video Active Time	ms	B	12.711	15.253	12.800	12.800	13.599	12.795	16.005
	Blanking Time	ms	C	1.559	1.430	0.533	0.533	0.672	0.533	0.656
	Front Porch	ms	D	0.415	0.318	0.026	0.021	0.053	0.017	0.016
	Sync Duration	ms	E	0.064	0.063	0.080	0.064	0.106	0.050	0.047
	Back Porch	ms	F	1.080	1.049	0.427	0.448	0.513	0.466	0.594
Resolution				720 × 400	640 × 480	640 × 480	800 × 600	1024 × 768	1024 × 768	1280 × 1024
RECALL				Yes	Yes	Yes	Yes	Yes	Yes	Yes

OPERATING INSTRUCTIONS

FRONT VIEW

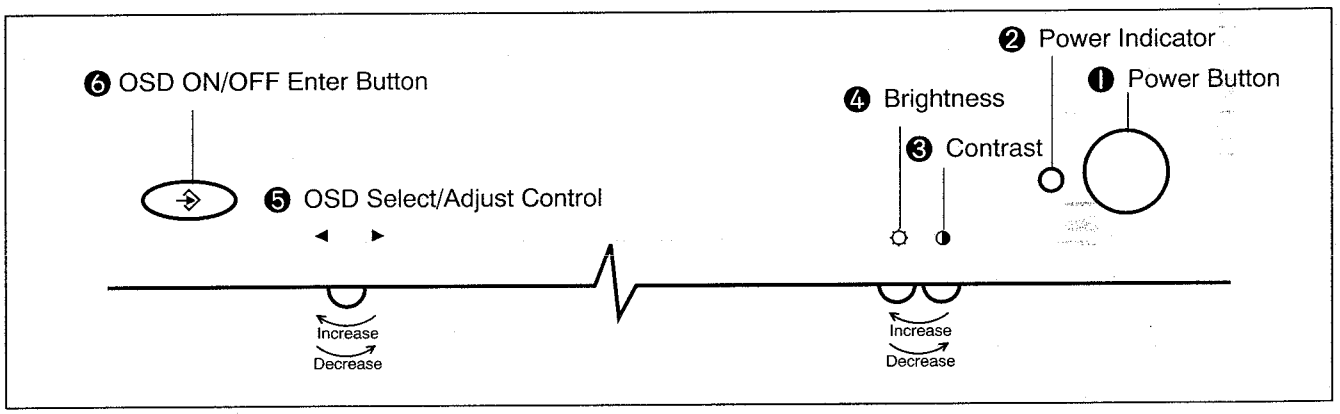


REAR VIEW



Front Control Panel

All functions are adjusted from the microprocessor based digital controls.



❶ POWER ON/OFF BUTTON
This button is used to turn the monitor on and off.

❷ POWER INDICATOR
This Indicator lights up green when the monitor operates normally. If the monitor is in DPM (Energy Saving) mode (stand-by/suspend/power-off), this indicator color changes as followings;
in case of the stand-by and/or suspend mode, indicated by green/orange color blinking, in case of the power-off mode, indicator color is orange.

❸ ◑ CONTRAST CONTROL
Adjust the display to the contrast desired. Move the thumbwheel located beneath this indicator to increase or decrease the display contrast.

❹ ☼ BRIGHTNESS CONTROL
Used to adjust the brightness of the screen. Move the thumbwheel located beneath this indicator to increase or decrease the display brightness.

❺ ◀▶ ADJUSTMENT CONTROL
Use this knob for selecting (highlighting) an OSD icon to be adjusted. It is also used for selecting the level of the selected item to be adjusted.

❻ → ENTER BUTTON

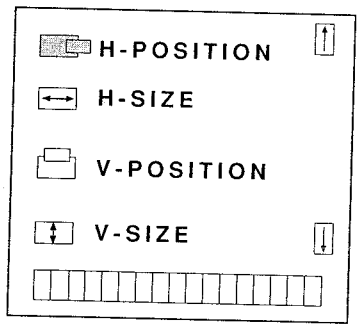
Use this button to start/enter and exit from the On Screen Display (OSD). If there is no OSD on the screen, One click (press) of this button will show the Main Menu. To remove the display, either wait 4~5 seconds or double click this button. If you are in a Sub-menu, a single click will back you out to the Main Menu display, and then double click will exit the menu.

On Screen Display (OSD) Control Adjustment

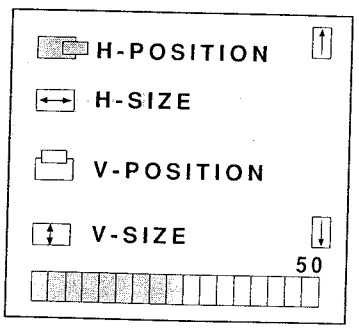
Making adjustments to the image size, position and operating parameters of the monitor are quick and easy with the On Screen Display control system, using only the Enter button and Adjustment Control knob. A quick example is given below to get you familiar with the use of the controls. Following this section is an outline of the available adjustments and selections you can make using the OSD.

Example ;

Note: (Monitor and PC should be ON, with an image or prompt on the screen). One click (press) the Enter button, present you with the Main Menu1 of the On Screen Display system, with the first item highlighted. The main picture area will also show the selected icon and a brief description (here H-POSITION). The OSD system should look like below;



If you one more click, you are able to adjust selected icon (here H-POSITION). The display will look like below;



The bar graph shows you the current level of the selected H-POSITION control. Use the Adjustment Control knob to increase or decrease the level to fit the screen or your desired. When you are done, press the Enter (→) button once to return to Main Menu1 and rotate the Adjustment Control knob to make another selection. If you are completely done using the OSD after you have returned to Main Menu1, you can double click the Enter button or wait 4~5 seconds exit the OSD.

OSD Adjustment and Selection Items

In the previous section, you were introduced to the procedure of selecting and adjusting an item using the OSD system. There are four Main Menu pages; the first page has 4 most commonly use items, and others have items that are use less frequently.

Listed below are the icons, icon names and descriptions of the items that are shown on the Main Menu1 OSD ;

- Horizontal Position (To move picture image left and right)
- Horizontal Size (To adjust image width)
- Vertical Position (To move image up and down)
- Vertical Size (To adjust image height)

Listed below are the icons, icon names and descriptions of the items that are shown on the Main Menu2 OSD ;

- Zoom (To Adjust H and V image size simultaneously)
- Side-Pincushion (To correct the bowing in and out of the image)
- Trapezoid (To correct geometric distortion)
- Rotation (To adjust tilt)

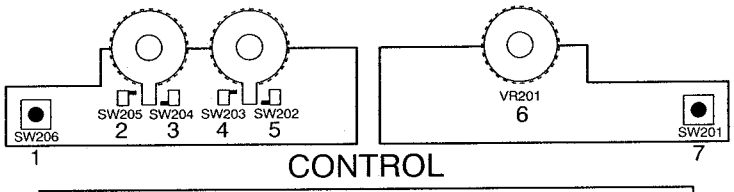
Listed below are the icons, icon names and descriptions of the items that are shown on the Main Menu3 OSD ;

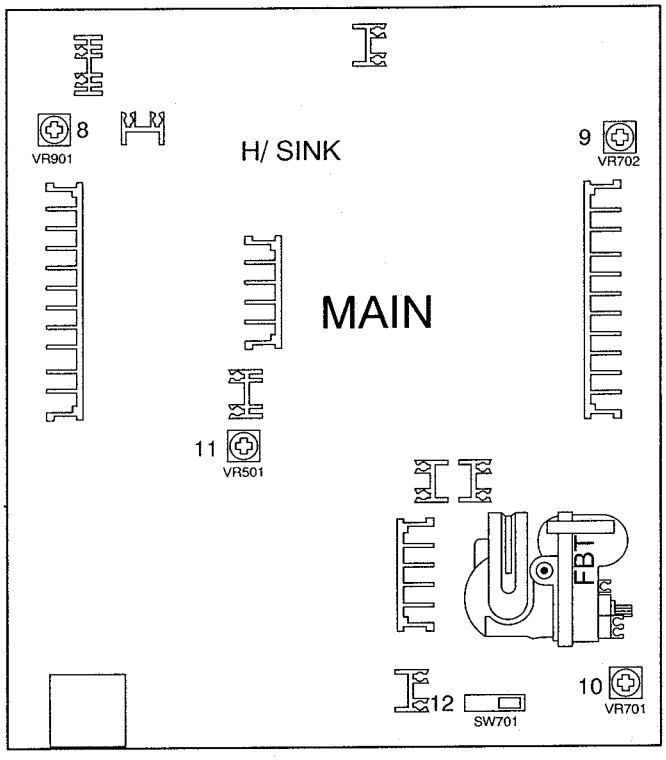
- Degauss (This item is used to demagnetize the picture to give a more accurate image and color)
- Recall (To recall the factory preset mode)
- Help (To inform users of preset and user mode data)

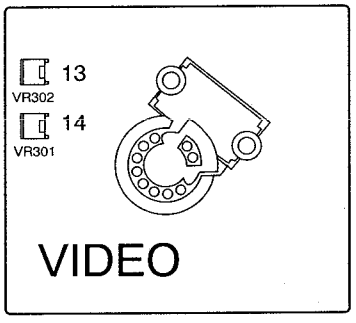
Listed below are the icons, icon names and descriptions of the items that are shown on the Main Menu4 OSD ;

- Color Code (To select color temperature, 9300° K /7200° K/user)
- RGB Adjust (To adjust individual RGB color at user color code)

CONTROL LOCATIONS

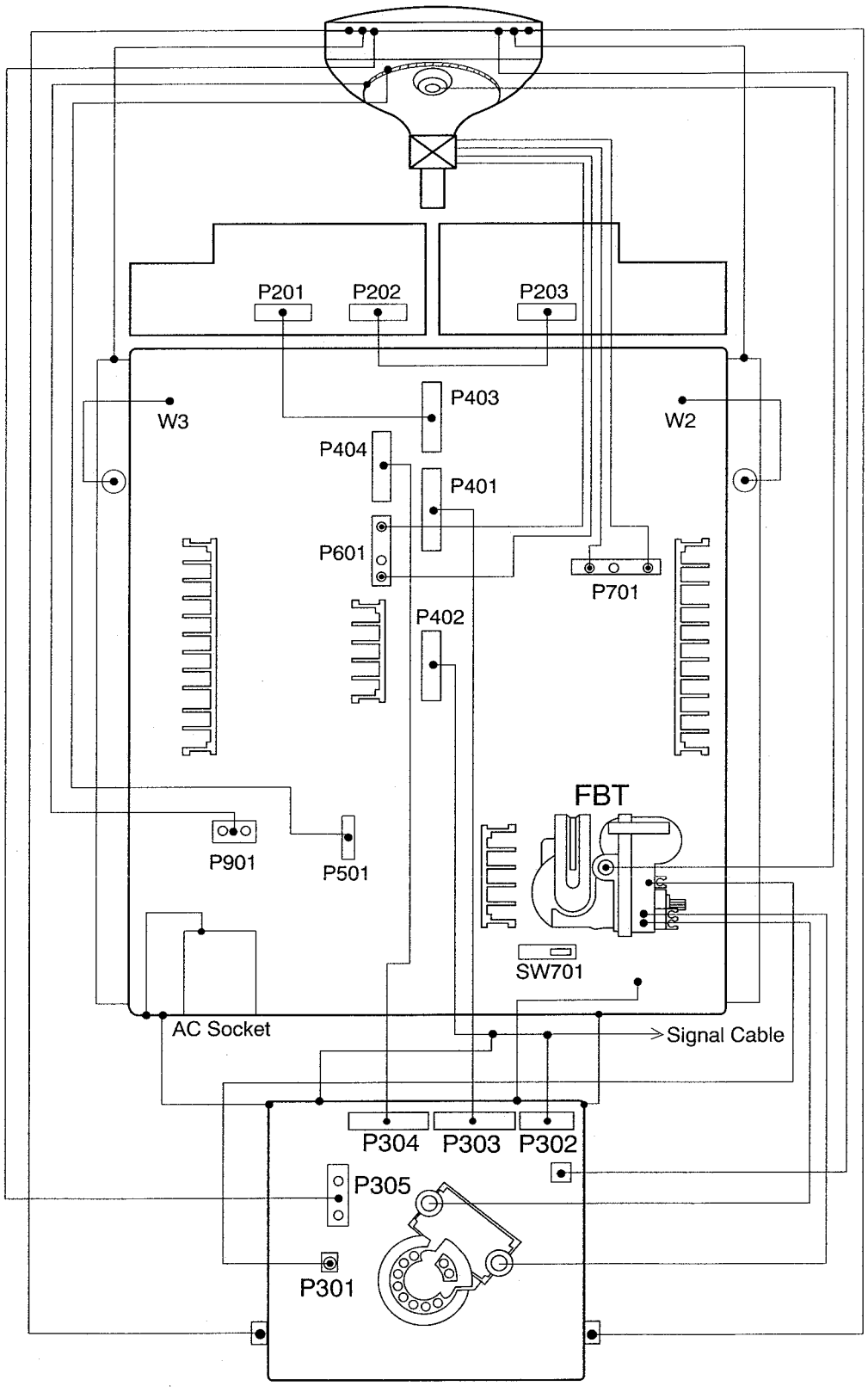






No.	Ref. No.	Control Function	No.	Ref. No.	Control Function
1	SW206	POWER SWITCH	8	VR901	B^+ ADJUSTMENT
2	SW205	CONTRAST INCREASE	9	VR702	H-LIN ADJUSTMENT
3	SW204	CONTRAST DECREASE	10	VR701	H/V ADJUSTMENT
4	SW203	BRIGHT INCREASE	11	VR501	SUB-BRIGHT ADJUSTMENT
5	SW202	BRIGHT DECREASE	12	SW701	H-RASTER CENTER SW
6	VR201	OSD SELECT	13	VR302	R-CUT OFF (R-BIAS)
7	SW201	ENTER	14	VR301	G-CUT OFF (G-BIAS)

WIRING DIAGRAM

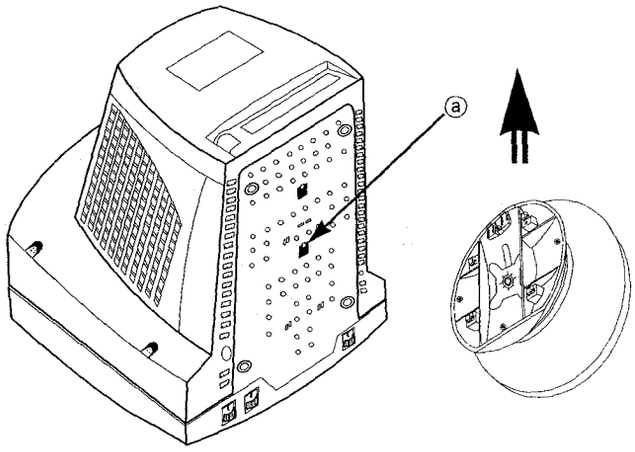


DISASSEMBLY

1. TILT/SWIVEL REMOVAL

① Set the monitor faces bottom

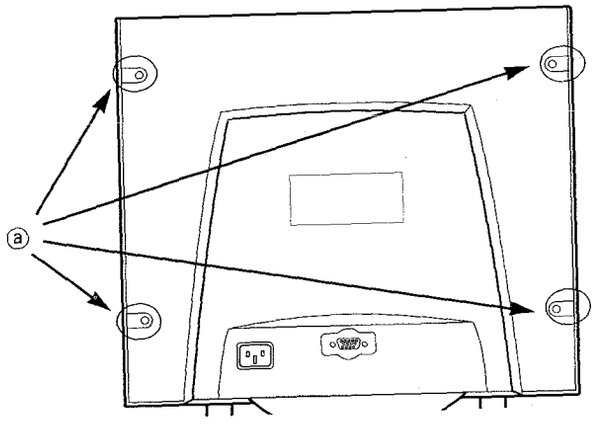
② Pressing the latch ⓐ, carefully remove the Tilt/swivel by pulling it upward.



2. BACK COVER REMOVAL

① Remove four screws ⓐ from the Back Cover.

② Slide the Back Cover away from the Front Cabinet of the monitor.

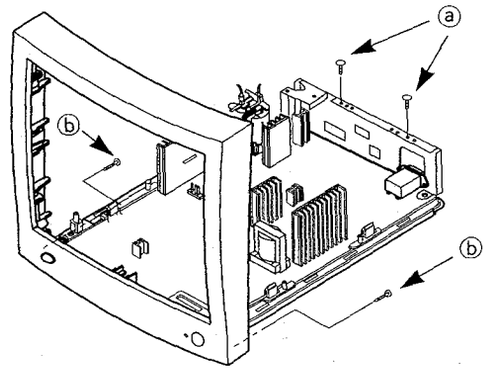


3. TOTAL CHASSIS ASSEMBLY REMOVAL

① Disconnect P901(Degaussing pin), P701(H-DY pin) and P601(V-DY pin).

② Remove two screws ⓐ from the Rear Bracket to remove the Ground Wire of the CRT.

③ Remove two screws ⓑ from the Main Bracket to separate it from the Front Cabinet.



4. CRT BOARD ASSEMBLY REMOVAL

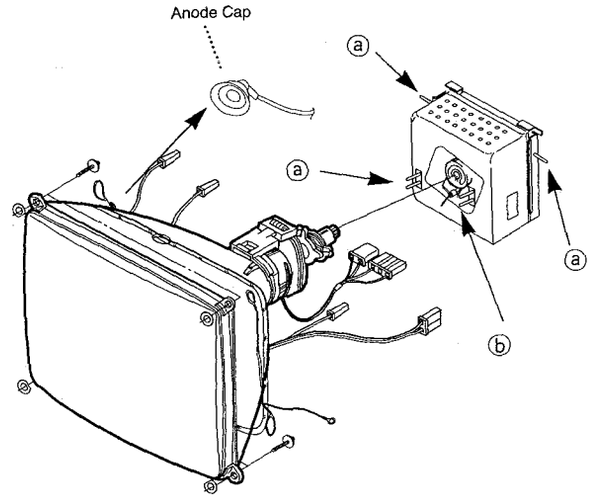
① Remove three pins ⓐ.

② Remove CRT earth connector ⓑ.

③ Carefully separate the CRT Board Assembly from the CRT neck.

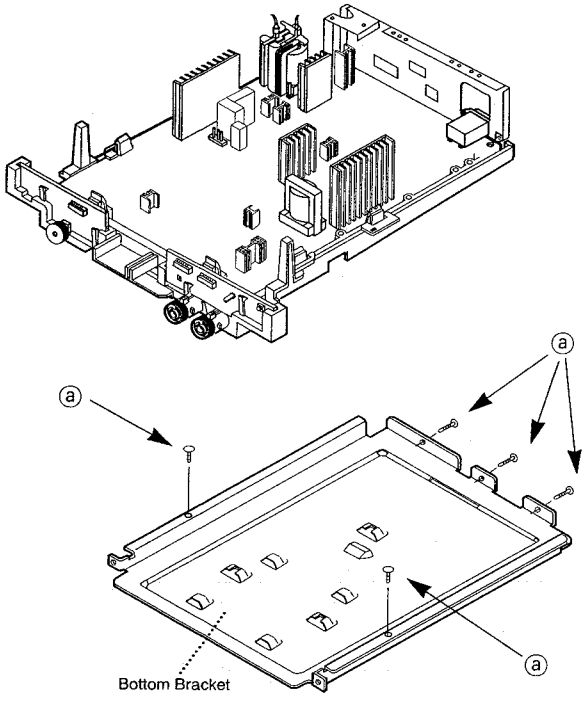
④ Discharge the remained static electricity by shorting between the Anode Cap and the CRT ground.

⑤ Disconnect the Anode Cap from the CRT.



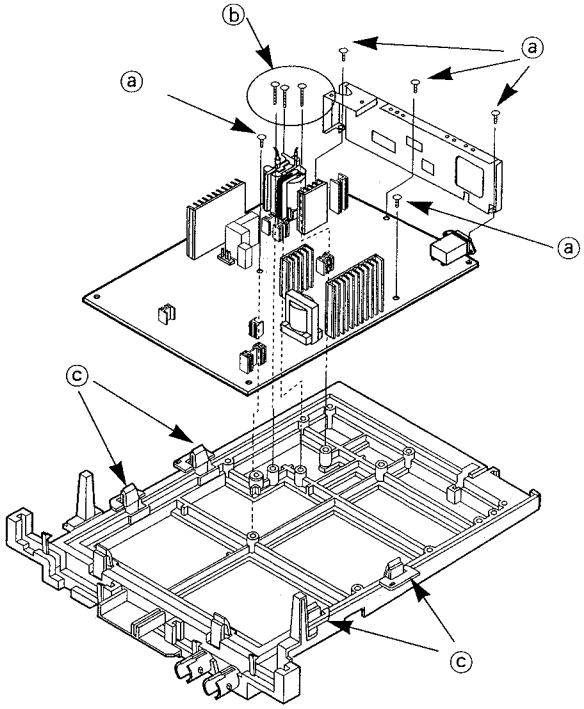
5. BOTTOM BRACKET REMOVAL

① Remove five screws ⓐ.
② Remove the Bottom Bracket.

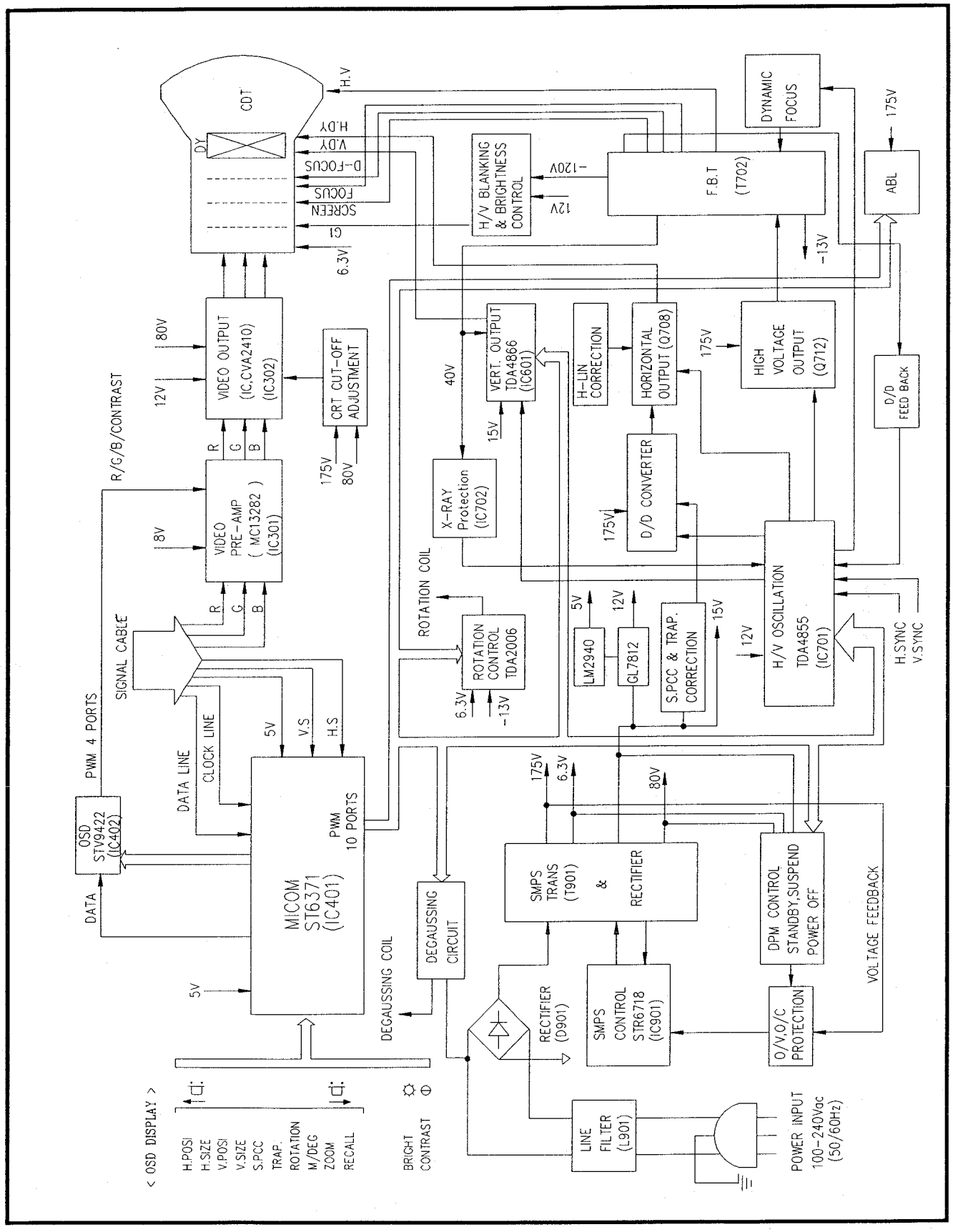


6. MAIN BOARD ASSEMBLY REMOVAL

① Remove five screws ⓐ.
② Remove three screws ⓑ.
③ Release four latches ⓒ from the Main Board Assembly.



BLOCK DIAGRAM



DESCRIPTION OF BLOCK DIAGRAM

1. Line Filter & Associated Circuit.

This is used for compressing some noises of power input line flowing into the monitor and/or some noises generated in this monitor flowing out through the power input line.

That is to say, this circuit prevents mis-working of the monitor itself and/or other electric appliances.

2. Degauss Circuit & Coil.

The degauss circuit consists of the degaussing coil, the PTC (Positive Temperature Coefficient) thermistor (TH902) and the relay (RL901).

This circuit eliminates abnormal color of the screen automatically by degaussing the shadow mask in the CRT when turn on the power switch.

And when you need to degauss in using the monitor, select DEGAUSS on the OSD menu.

3. SMPS (Switching Mode Power Supply).

This circuit is working in the condition of 110-240VAC (50/60Hz).

The operation procedure is as follows;

1) AC input voltage is rectified and smoothed by the bridge diode (D901) and the capacitor (C907).
2) The rectified voltage (DC voltage) is applied to the primary coil of the transformer (T901).
3) The control IC (IC901) generates switching pulse to turn on and off the primary coil of the transformer (T901) repeatedly.
4) Depending on the turn ratio of the transformer, the secondary voltages appear at the secondary coils of the transformer (T901).
5) These secondary voltages are rectified by each diode (D909,D911~D916) and operate the other ciruits (Deflection, Video Amplifier etc.).

4. Over Voltage Protection Circuit.

This circuit consists of photo-coupler (IC902), programmable shunt regulator diode (IC903) and the associated circuit.

If the secondary voltage exceeds the specified voltage, the current of the photo-coupler LED flows excessively.

Then, collector current of the photo-coupler flows excessively and stop the oscillation of the control IC (IC901). Consequently, the secondary voltage is down to zero volt.

5. X-ray Protection.

If the high voltage of the FBT reaches up to 30kV (abnormal state), OP Amp (IC702) pin 7 come to high level. It charges high level at the X-ray protection pin of IC701 (TDA4855). Then, B DRV (Pin 6) function of this IC will be shut down. So high voltage will not be generated. (In the normal state, the high voltage is about 25kV.)

6. Micom (microprocessor) Circuit.

The operating procedure of Micom (microprocessor) and its associated circuit is as follows.

1) H and V sync signal is supplied from the signal cable.
2) The Micom (IC401) distinguishes polarity and frequency of H and V sync from the H and V sync signal.
3) The Micom sets operating mode and offers the controlled data. (H-size, H-position, V-size, etc.)
4) The controlled data of each mode is stored in itself.
5) User can adjust screen condition by each OSD function.The data of the adjusted condition is stored in itself automatically.

7. Horizontal and Vertical Oscillation.

This circuit generates the horizontal pulse and the vertical pulse by taking the H and V sync signal.

This circuit consists of the TDA4855 (IC701) and the associated circuit.

8. Oscillating Circuit for D/D Converter.

This circuit generates the saw-tooth wave which has the horizontal period by taking the output of the TDA4855 (IC701).

9. D/D (DC to DC) Converter.

This circuit supplies DC voltage to the horizontal deflection output circuit by decreasing DC175V which is the secondary voltage of the SMPS in accordance with the input horizontal sync signal.

10. Side-Pincushion & Trapezoid Correcting Cirucit.

This circuit improves the Side-pincushion and the Trapezoid distortion of the screen by mixing parabola and saw-tooth wave to the output of the horizontal deflection D/D converter which is used for the supply voltage source (B^+) of the deflection circuit.

11. B^+ & Parabola Wave Mixing Circuit.

This circuit is used for mixing the parabola wave to the supply voltage source (B^+) of the horizontal deflection circuit to improve the Side-pincushion and the Trapezoid distortion.

12. Horizontal Deflection Output Circuit.

This circuit makes the horizontal deflection by supplying the saw-tooth current to the horizontal deflection yoke.

13. High Voltage Output & FBT (Flyback Transformer).

The high voltage output circuit is used for generating pulse wave to the primary coil of the FBT (Flyback Transformer (T701)). A boosted voltage (about 26kV) appears at the secondary of the FBT and it is supplied to the anode of the CRT.

And there are another output voltages such as the dynamic focus and the screen voltage.

14. H-Linearity Correction Circuit.
This circuit corrects the horizontal linearity for each horizontal sync frequency.

15. H-Raster Centering Circuit.
This circuit makes the back raster stay in the center of the screen by adjusting the SW701.

16. Vertical Output circuit.
This circuit takes the vertical ramp wave from the TDA4855 (IC701) and performs the vertical deflection by supplying the saw-tooth wave current to the vertical deflection yoke.

17. Dynamic Focus Output Circuit.
This circuit takes H and V parabola waves from the TDA4855 (IC701) and amplifies these waves to offer to the FBT (T701).

18. H and V Blanking & Brightness Control.
This circuit eliminates retrace line by supplying a negative pulse wave to the G1 of the CRT. And this circuit is used for control of the screen brightness by changing the DC level of G1.

19. Image Rotation Circuit.
This circuit corrects the tilt of the screen by supplying the image rotation signal to the tilt coil which is attached to the CRT near the deflection yoke.

20. OSD Circuit.
This circuit is used for performing the OSD (On Screen Display) function.
When an user select Enter button and OSD Select/Adjust control, the adjustment status displays on the screen.

21. Video Pre-Amp Circuit.
This circuit amplifies the analog video signal from 0-0.7V to 0-4V.
This circuit is operated by taking the clamp, R,G,B drive and contrast signal from the Micom (IC401).

22.. Video Output Amp Circuit.
This circuit amplifies the video signal which comes out from the video pre-amp circuit output about 17 times and this amplified video signal is applied to the CRT cathode.

ADJUSTMENT

GENERAL INFORMATION

All adjustments are thoroughly checked and corrected, the monitor leave the factory. Therefore, the monitor should operate normally and produce proper color and pictures upon installation. However, several minor adjustment may be required depending on the particular location in which the monitor is operated. The monitor is shipped completely in carton. Carefully draw out the monitor from the carton and remove all packing materials.
Check and adjust all the customer controls such as Brightness and Contrast to obtain a normal picture.
All adjustment should be done in accordance with the following adjustment procedure and after power-on 30 minutes at least. At first, It is necessary to prepare the alignment appliances, software (alignment program) and alignment cable.

- Alignment appliances and tools
  - Personal Computer & Monitor.
  - Signal Generator (eg. 「VG819」 Astrodesign Co.)
  - E(E)PROM with saved Mode1~Mode7 Data.
  - Oscilloscope with Probe
  - Alignment cable with Adaptor
  - Digital Volt-meter
  - Software (Alignment program for this monitor)
  - White Balance Meter
  - Luminance Meter

AUTOMATIC DEGAUSSING/MANUAL DEGAUSSING

The degaussing coil is mounted around the picture tube so that external degaussing is normally unnecessary after turn on the monitor. The monitor should be properly degaussing upon installation.
If the monitor is moved or faced in a different direction, or the chassis or parts of the cabinet become magnetized to cause poor color purity, press ⍝ (DEGAUSSING) button to remove color purity problem.

ADJUSTMENT PROCEDURE & METHOD

Install the cable for adjustment such as figure 1 and run the alignment program on the DOS for the IBM compatible PC.

1. B^+ Adjust

① Display cross-hatch pattern at Mode 7.
② Adjust D914 cathode and GND voltage to 175± 0.2V with VR901.

2. Adjust for the HIGH-VOLTAGE

① Display cross-hatch pattern at Mode 7.
② Adjust D713 cathode and GND voltage to 41± 0.5V with VR701.

3. Adjust for the Horizontal Raster Center

① Display cross-hatch pattern at Mode 7.
② Adjust the raster should be center of the screen with SW701.

4. Adjust for the Screen Image

① Display cross-hatch pattern at Mode 1.
② Adjust 「H-SIZE」 as arrow keys to 300±2mm.
③ Adjust 「H-POSITION」 as arrow keys to center of the screen.
④ Adjust 「V-SIZE」 as arrow keys to 225±2mm.
⑤ Adjust 「V-POSITION」 as arrow keys to center of the screen.
⑥ Adjust 「S-PCC(Side-Pincushion)」 as arrow keys to be best condition.
⑦ Adjust 「TRAPEZOID」 as arrow keys to be best condition.
⑧ Display from Mode 2 to Mode 7 and adjust repeated from no. ② to no. ⑦ as stated above.

5. Adjust for the White Balance and Luminance.

① Set the White Balance Meter.
② Press the ⍝ (DEGAUSSING) button for demagnetized CRT.
③ Display color 0,0 pattern at Mode 7.
④ Set Brightness and VR501(Sub-Bright) volume to Max position.
⑤ Set Contrast to Max and Sub-Contrast to center position.
⑥ Set VR301(R-Bias) and VR302 (G-Bias) to Min position.
⑦ Adjust Screen volume of the FBT to 0.1FL of the raster luminance.
⑧ Adjust VR301 (R-Bias) and VR302 (G-Bias) to x=0.281±0.015 and y=0.311±0.015.
⑨ Adjust VR501 (Sud-Bright) to 0.3±0.1FL of the raster luminance.
⑩ Display color 15,0 box pattern (70×70mm) at Mode 7.
⑪ Adjust 「R-DRIVE 1」, 「G-DRIVE 1」, and 「B-DRIVE 1」 of the delivered progrem to x=0.281±0.003 and y=0.311±0.003.
⑫ Save in the 「COLOR 1」.
⑬ Adjust 「SUB-CONTRAST 1」 to 55±1FL of the box pattern luminance.
⑭ Adjust 「R-DRIVE 2」, 「G-DRIVE 2」 and 「B-DRIVE 2」 of the delivered program to x=0.297±0.003 and y=0.320±0.003.

⑮ Save in the 「COLOR 2」.
⑯ Adjust 「SUB-CONTRAST 1」 to 55±1FL of the box.
⑰ Display color 15,0 full-white patten at Mode 7.
⑱ Adjust 「ABL」 to 30±1FL of the luminance.
⑲ Exit from the program.

6.Adjust for the Focus.

1.Set the Brightness and Contrast to Max.
2.Display 「H」 character in full screen at Mode 7.
3.Adjust Focus volume of the FBT that the focus should be best condition.

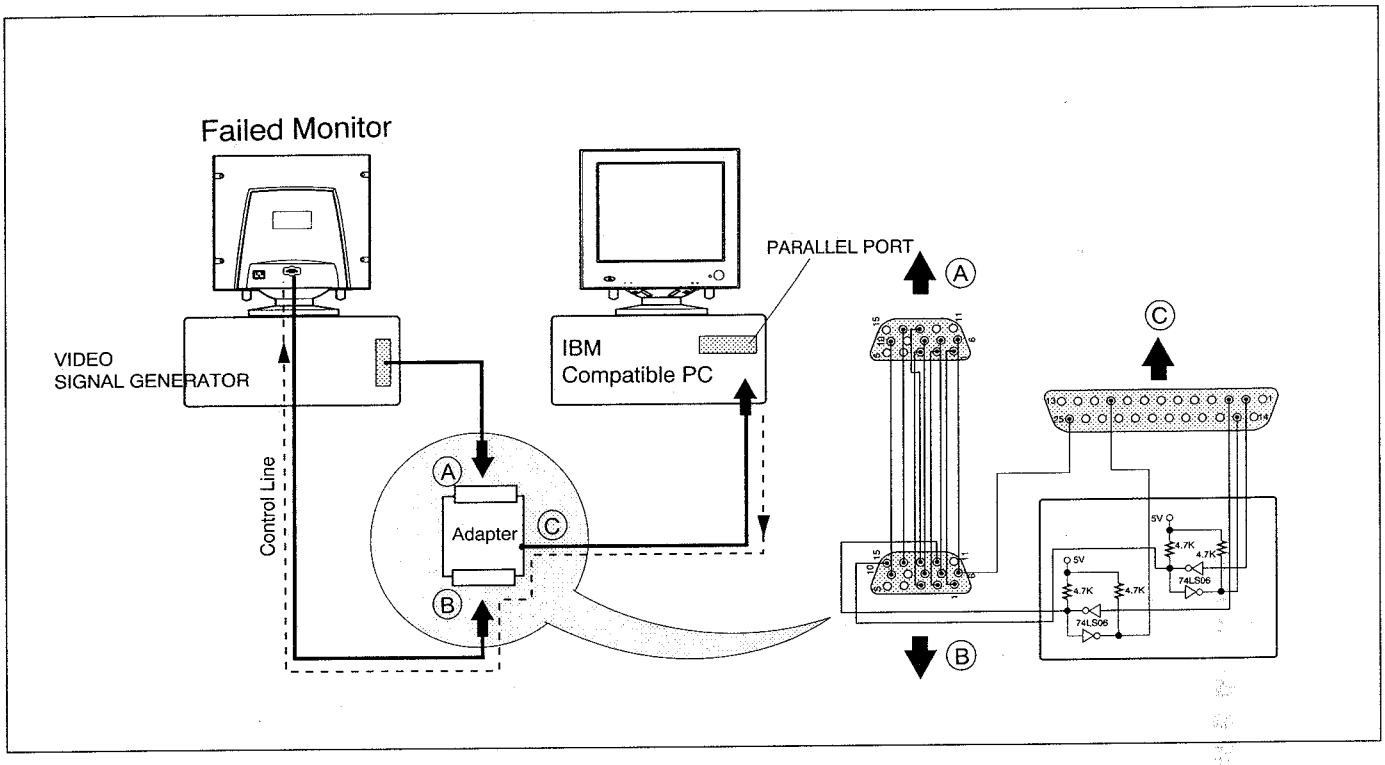
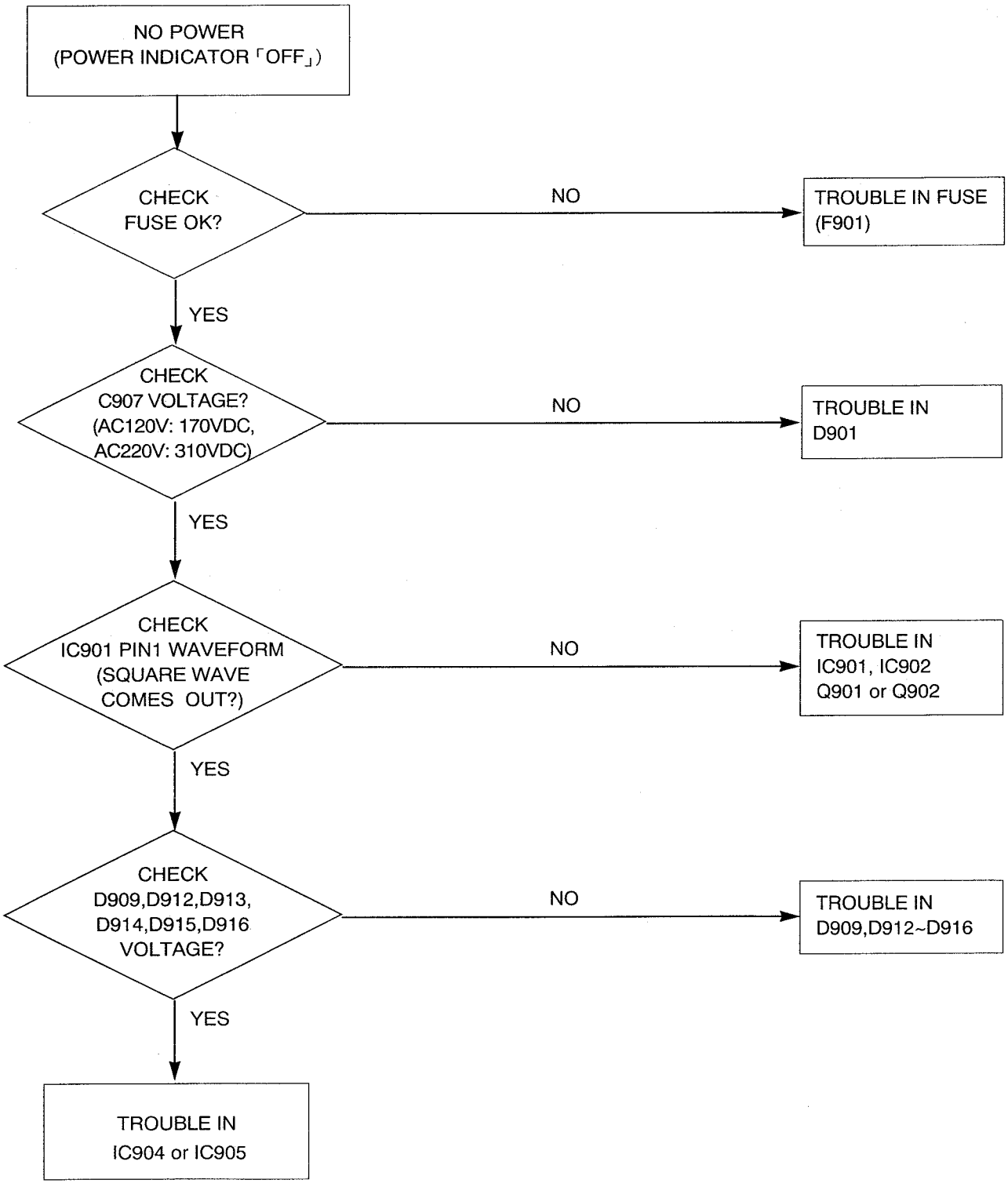


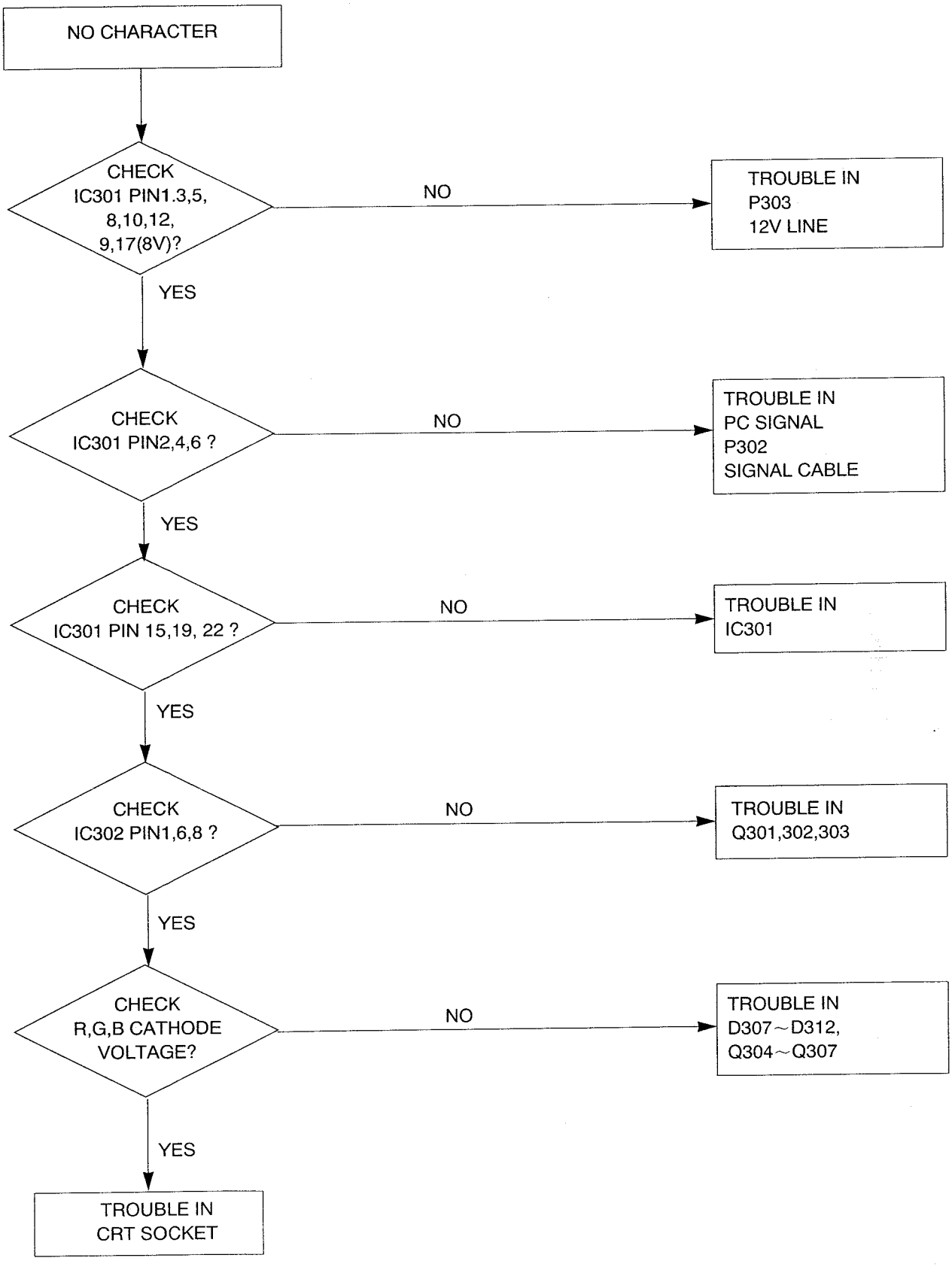
Figure 1, Cable Connection

TROUBLE-SHOOTING GUIDE

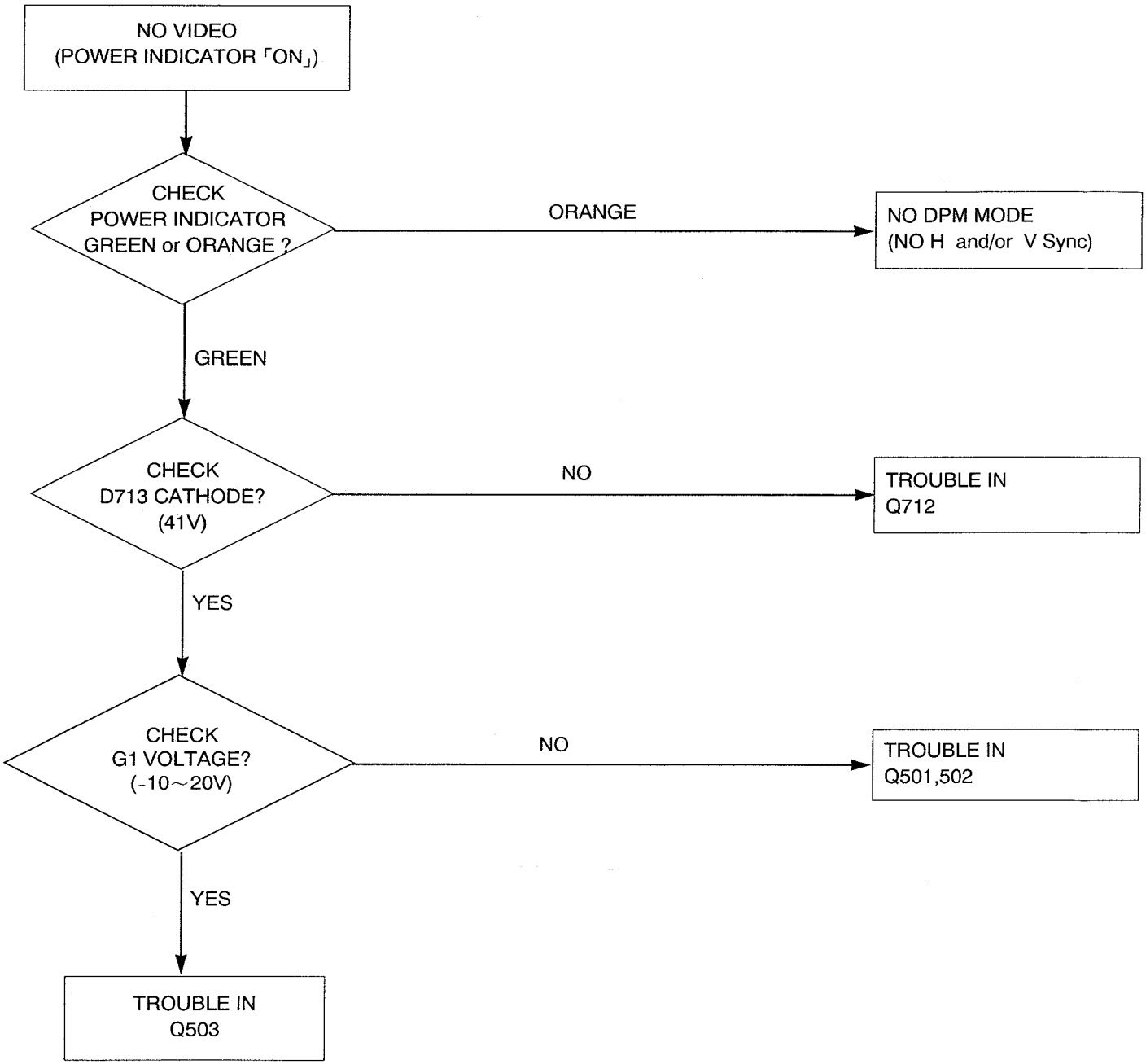
1. NO POWER



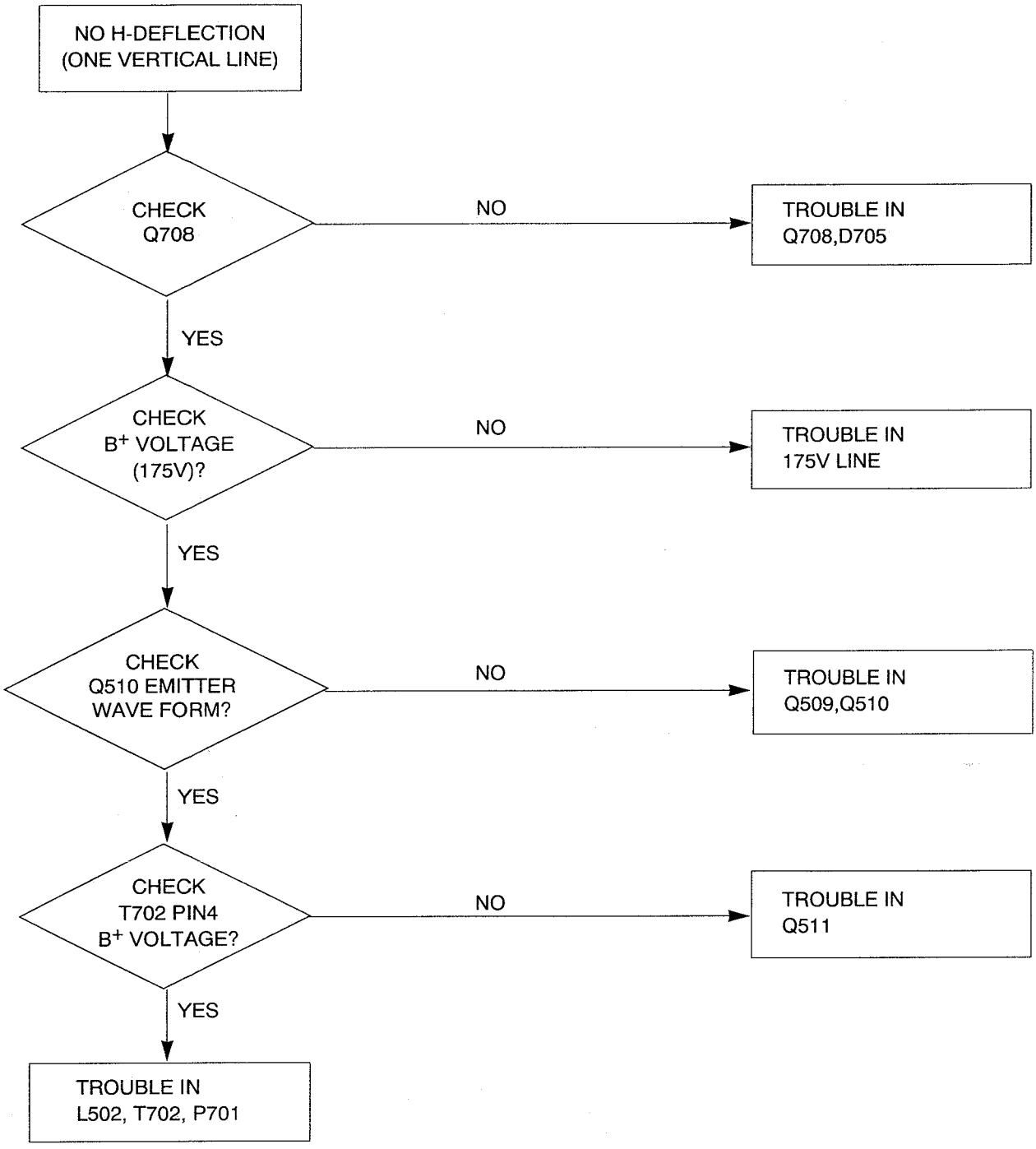
2. NO CHARACTER



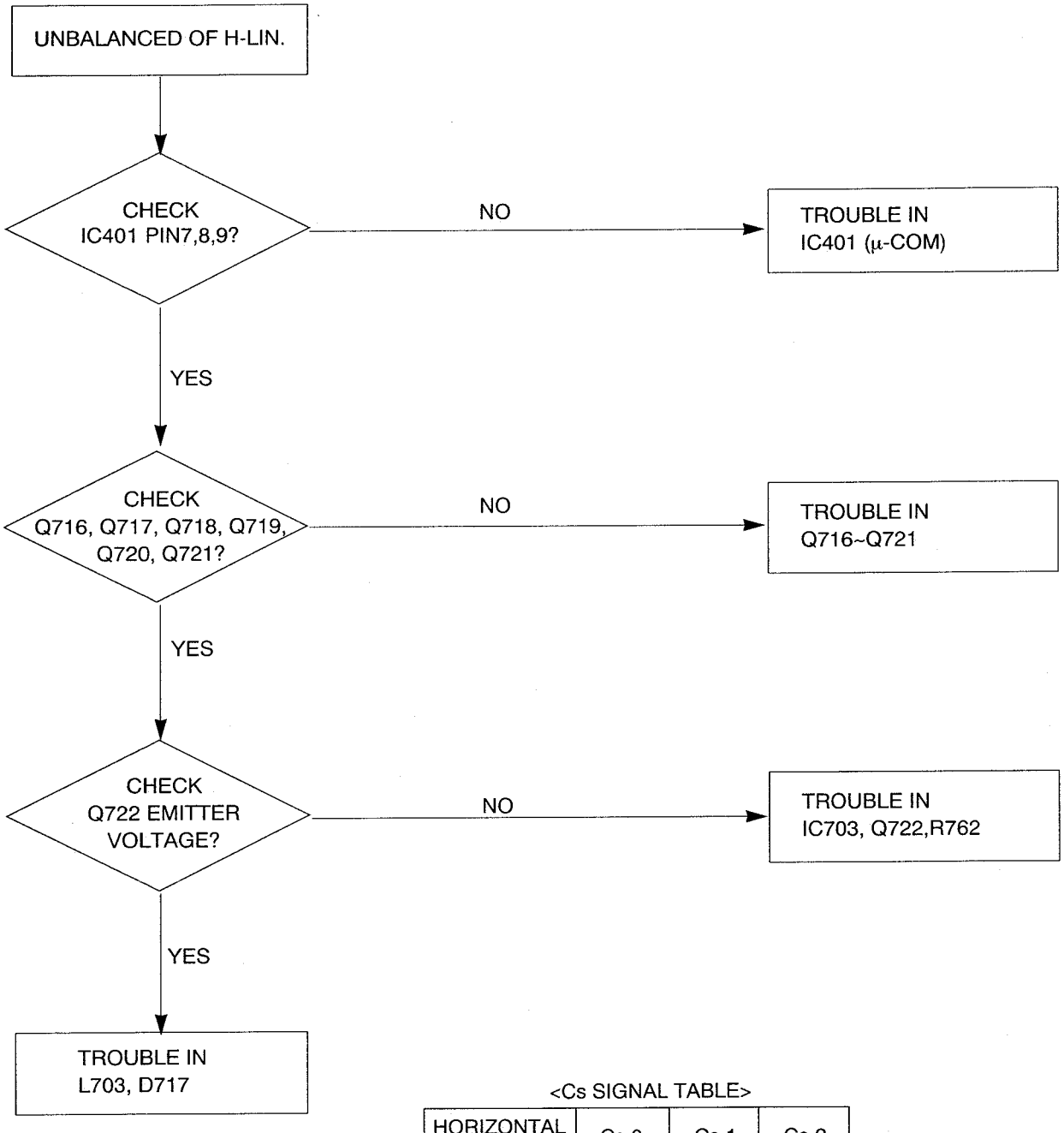
3. NO RASTER


NO VIDEO
(POWER INDICATOR 「ON」)
CHECK
POWER INDICATOR
GREEN or ORANGE ?
ORANGE
NO DPM MODE
(NO H and/or V Sync)
GREEN
CHECK
D713 CATHODE?
(41V)
NO
TROUBLE IN
Q712
YES
CHECK
G1 VOLTAGE?
(-10~20V)
NO
TROUBLE IN
Q501,502
YES
TROUBLE IN
Q503

4. NO HORIZONTAL DEFLECTION



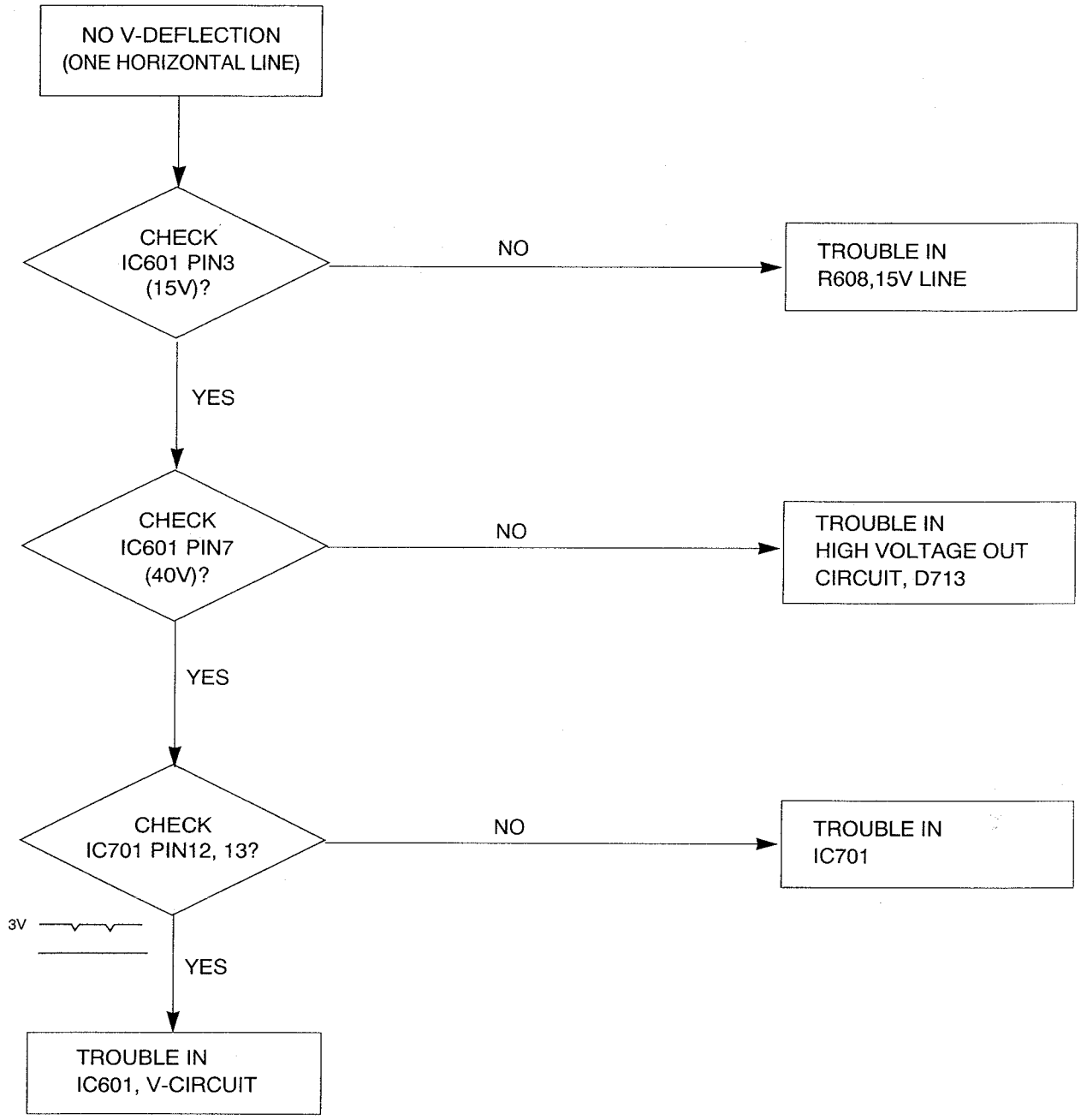
5. TROUBLE IN H-LINEARITY



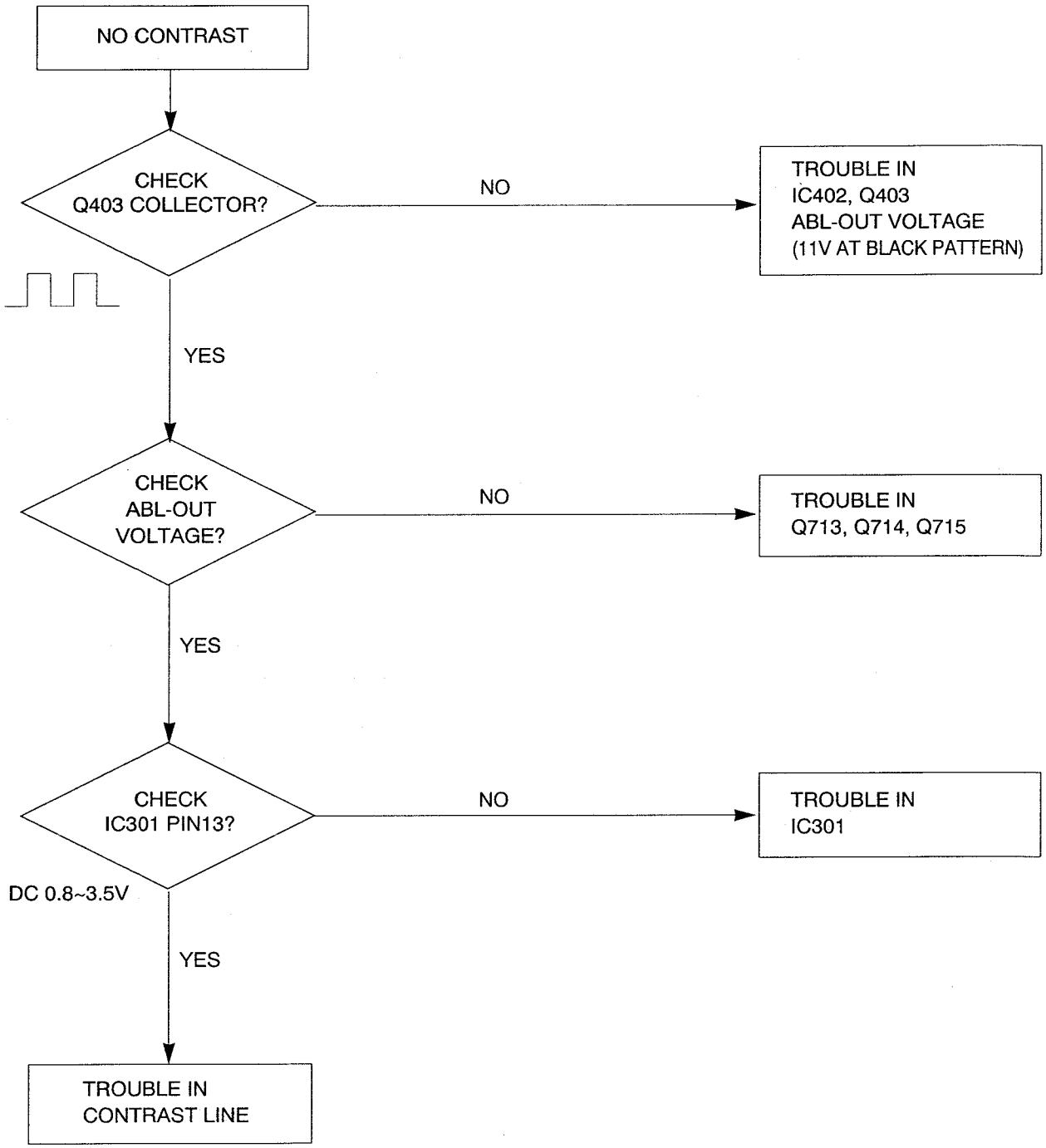
<Cs SIGNAL TABLE>

HORIZONTAL FREQUENCY(fH)	Cs 0	Cs 1	Cs 2
30~33kHz	L	L	L
33.1~43kHz	L	H	L
43.1~52kHz	H	H	L
52.1~60kHz	H	L	H
60.1~67kHz	H	H	H

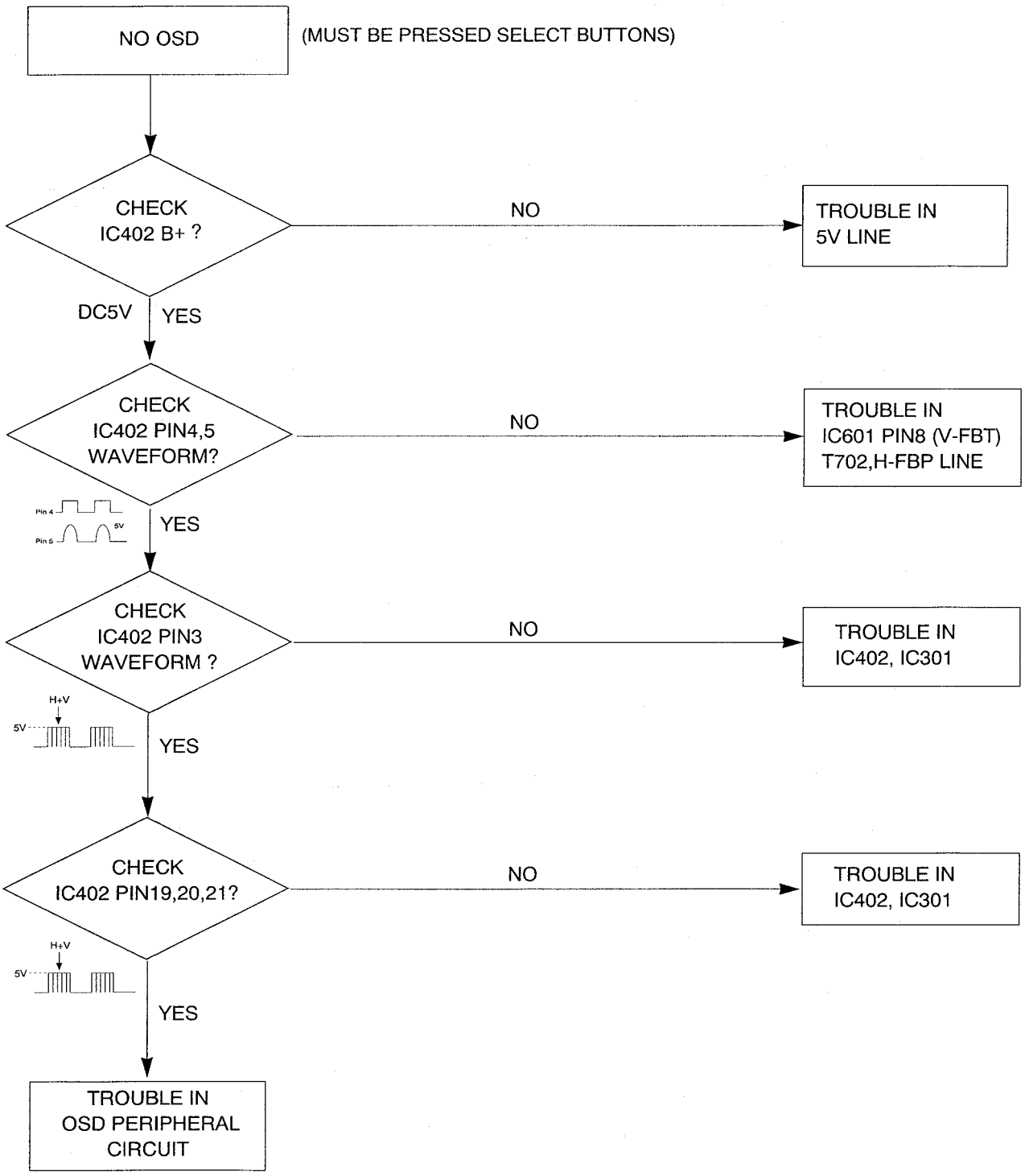
6. NO VERTICAL DEFLECTION



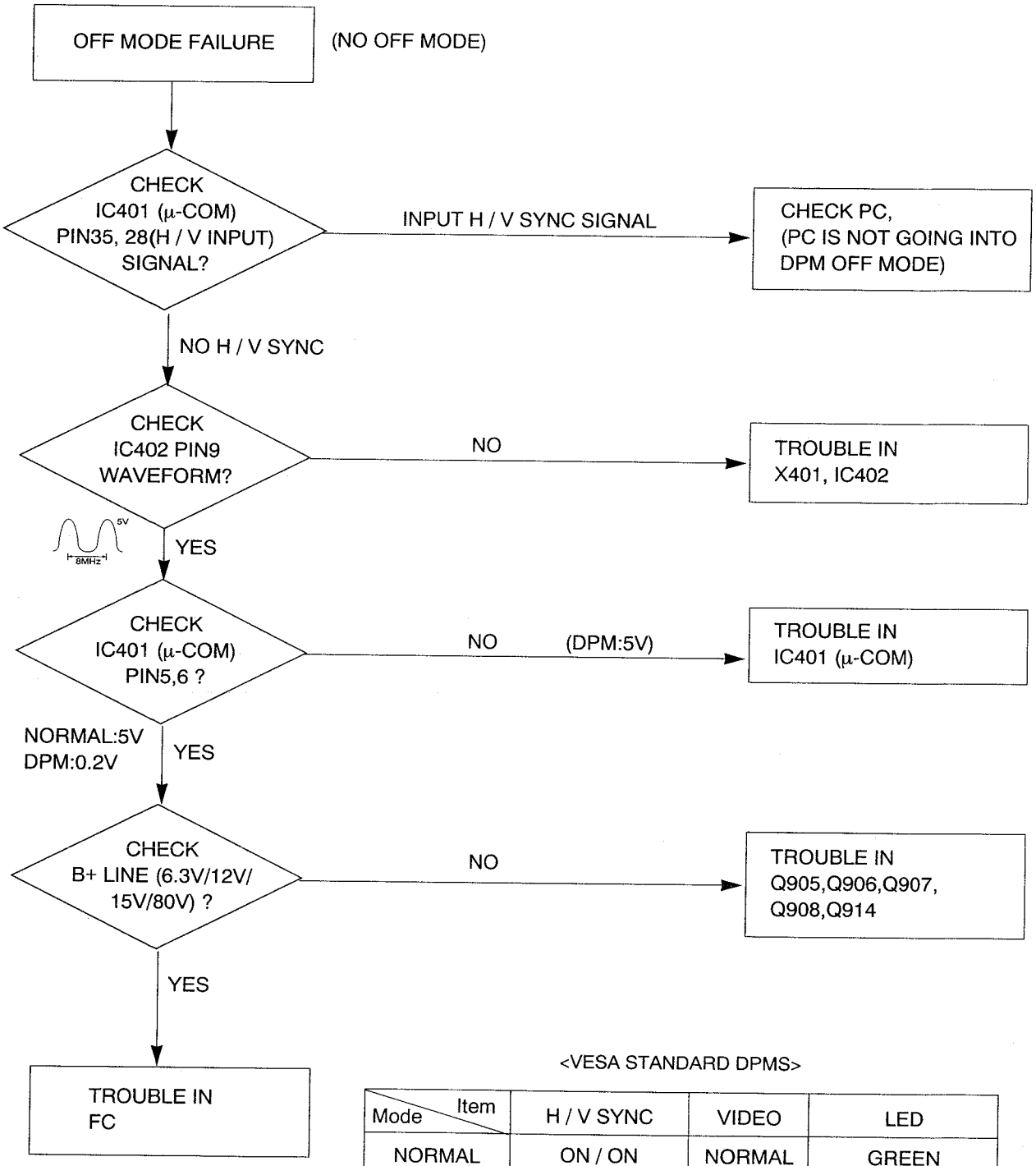
7. NO CONTRAST



8. TROUBLE IN OSD



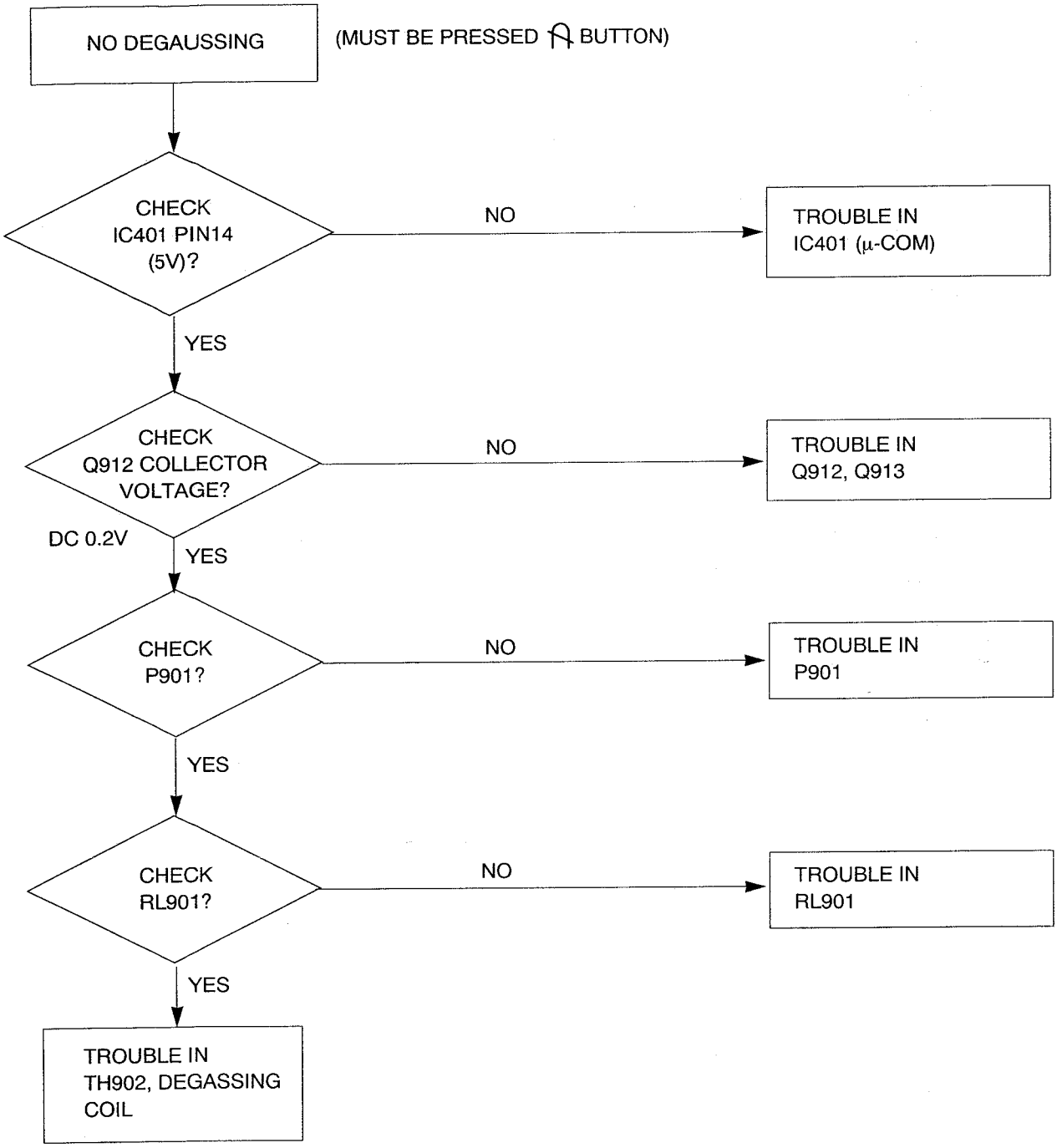
9. TROUBLE IN DPM



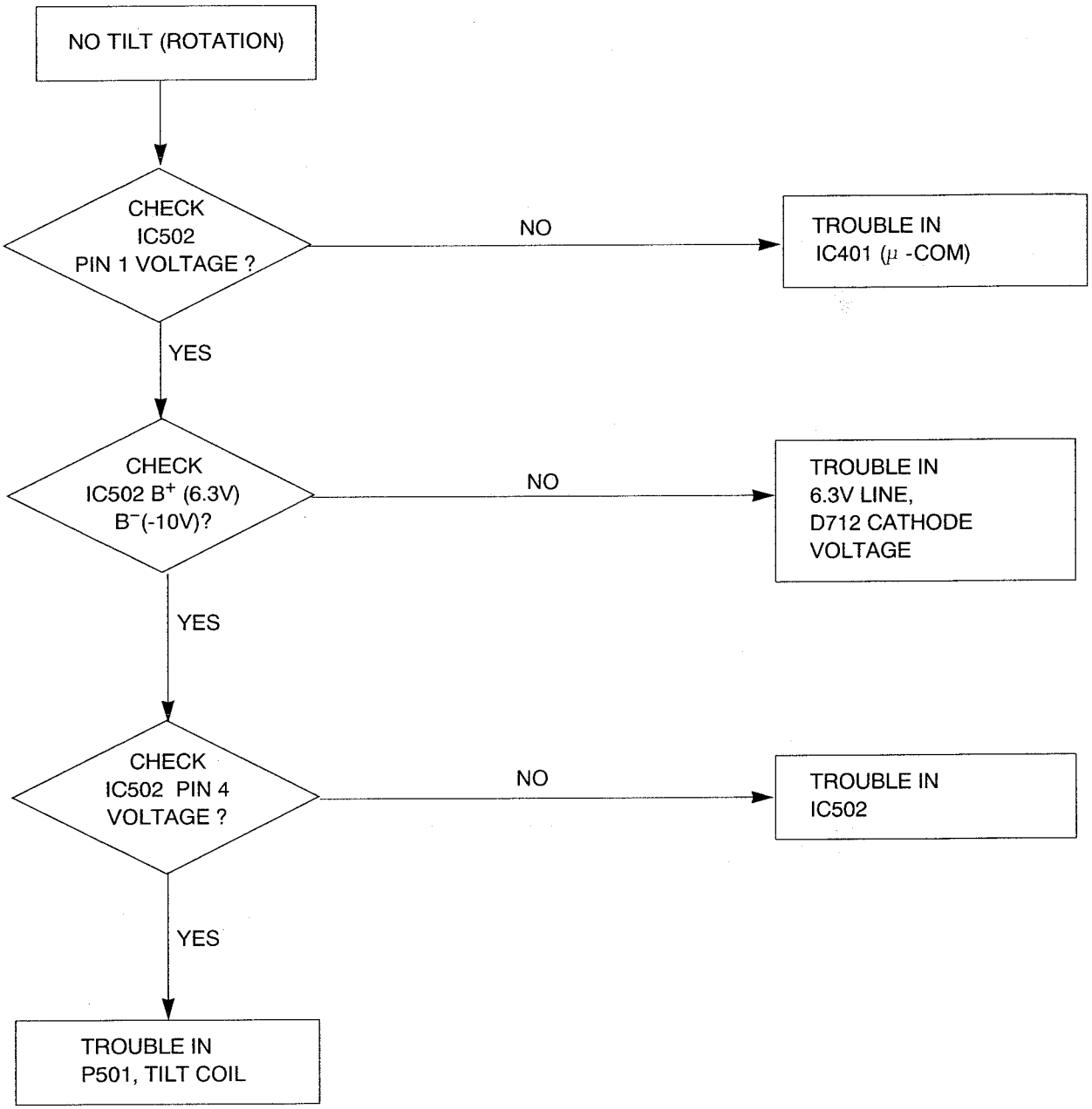
<VESA STANDARD DPMS>

Mode \ Item	H / V SYNC	VIDEO	LED
NORMAL	ON / ON	NORMAL	GREEN
STAND-BY	OFF / ON	OFF(0V)	Orange blinking
SUEPEND	ON / OFF	OFF(0V)	Orange blinking
OFF	OFF / OFF	OFF(0V)	Orange

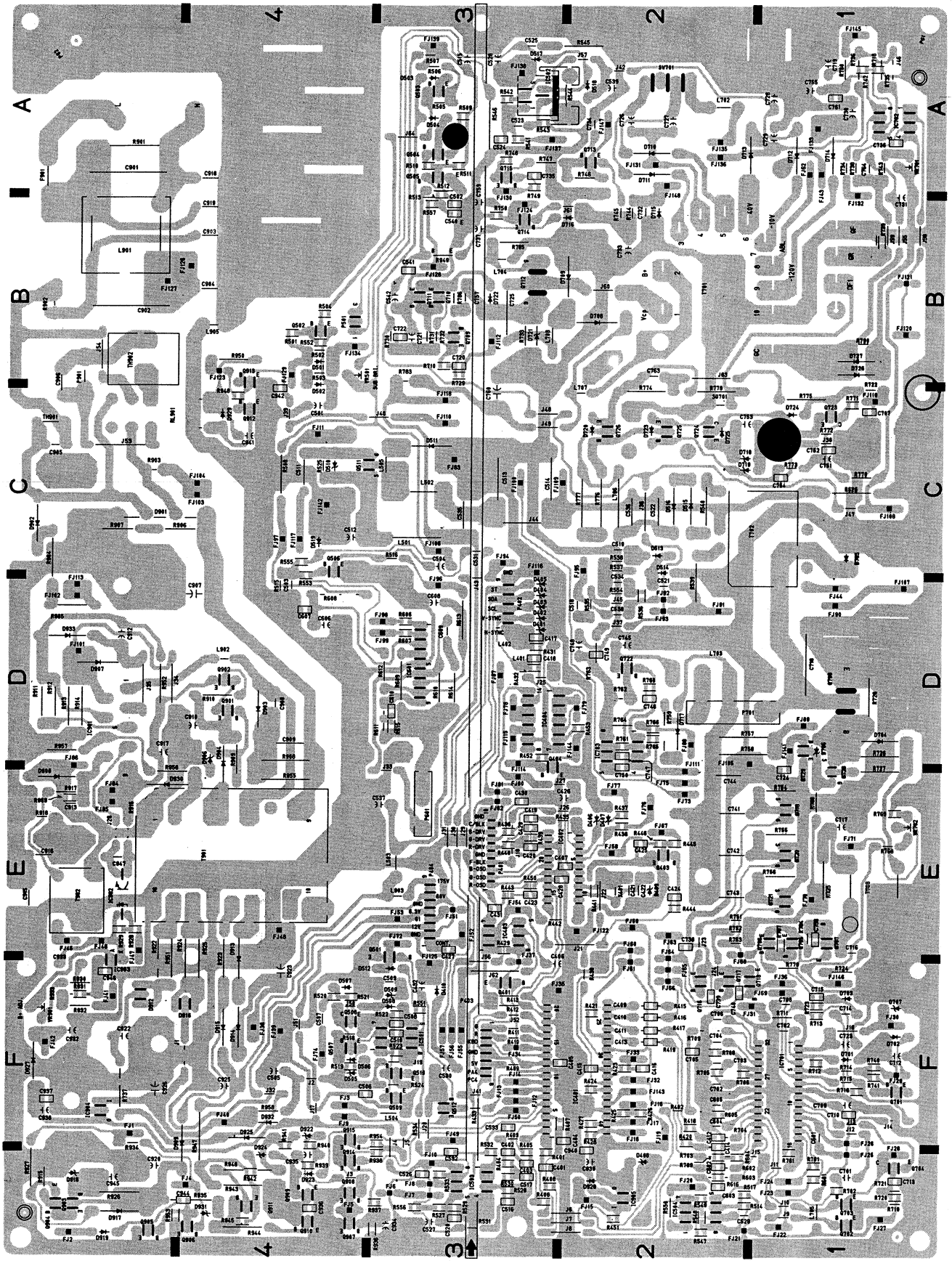
10. NO DEGASSING



11. NO TILT (ROTATION)

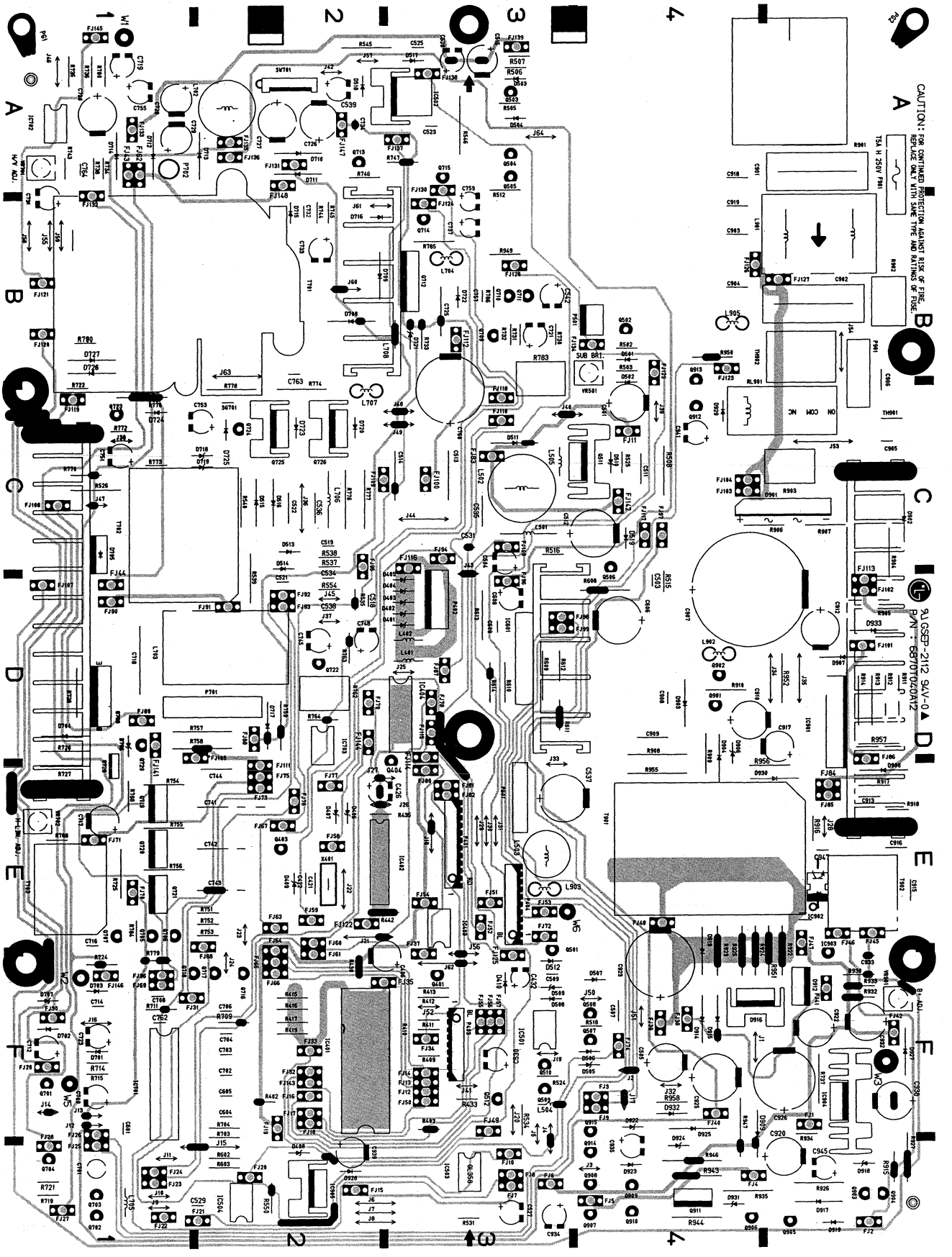


2. MAIN BOARD (Solder Side)

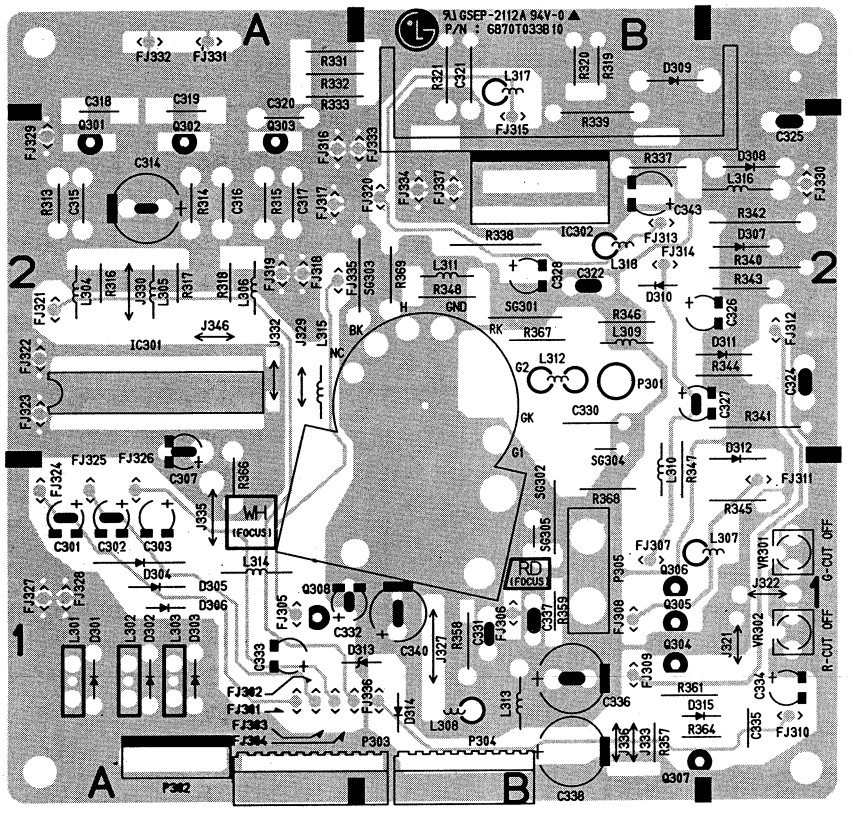


PRINTED CIRCUIT BOARD

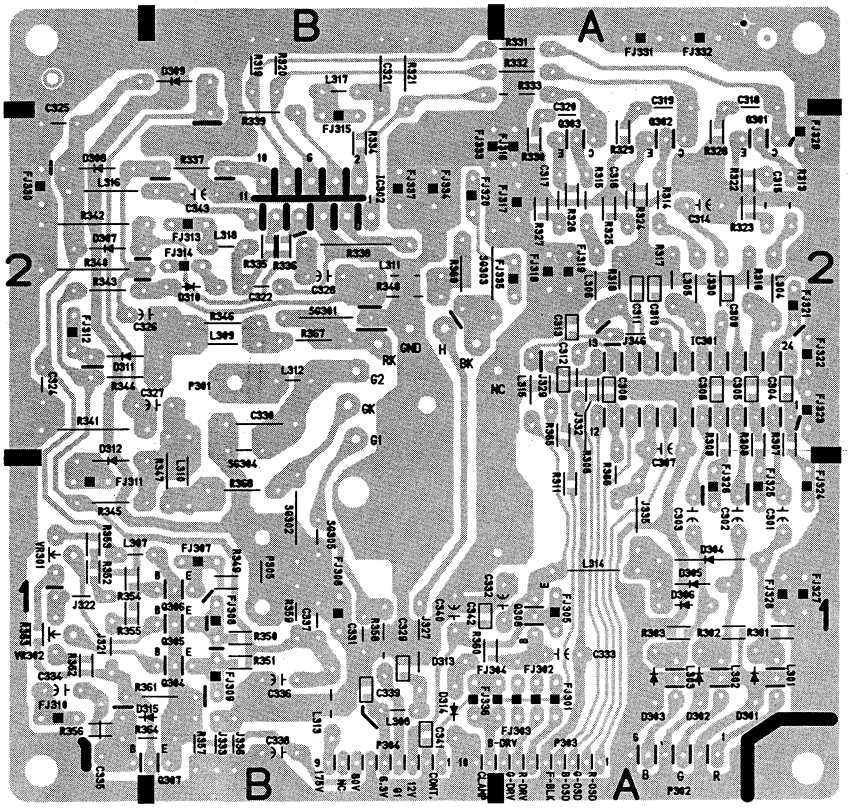
1. MAIN BOARD (Component Side)


CAUTION: FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE AND RATINGS OF FUSE.
TSA H 250V F901
SUB BR1
ON COM NC
9J.GSEP-2112.94V-0▲
P/N : 68701C40A12

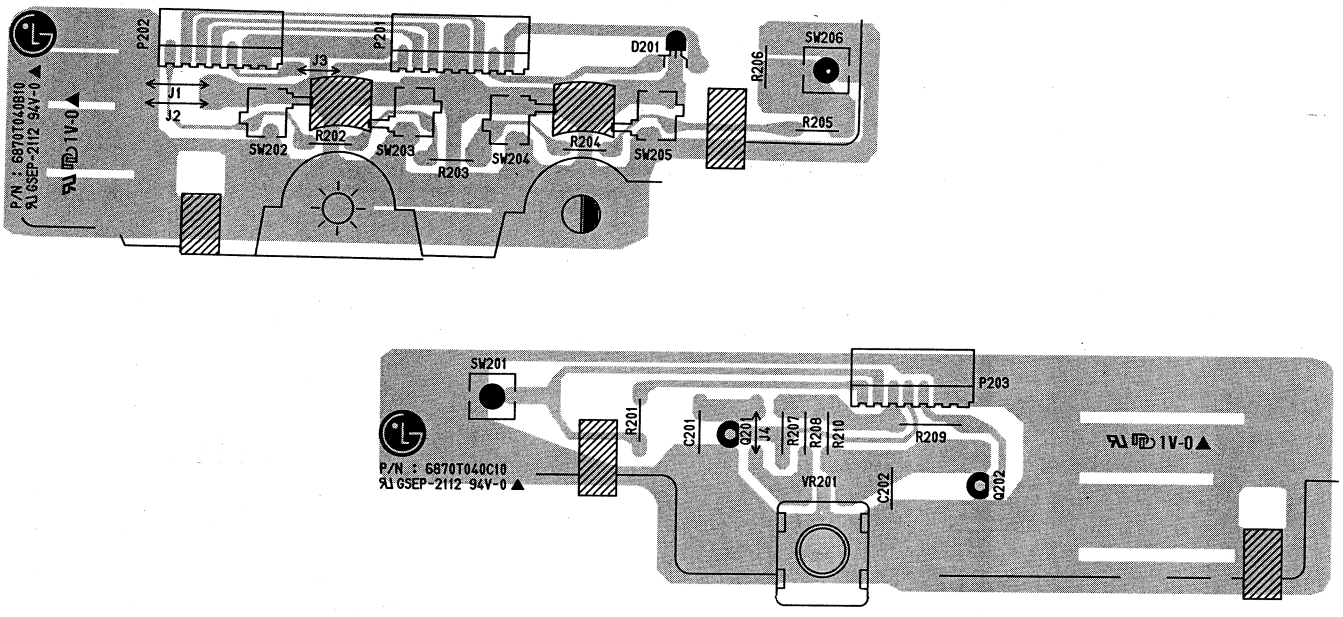
3. VIDEO BOARD (Component Side)



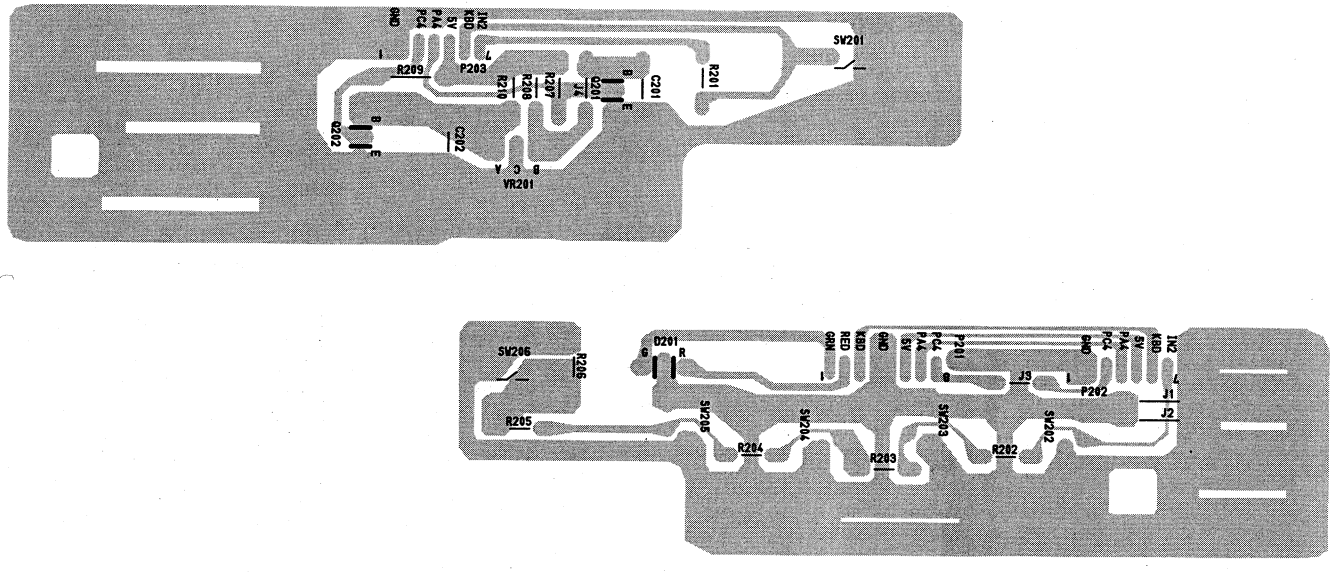
4. VIDEO BOARD (Solder Side)



3. CONTROL BOARD (Component Side)



4. CONTROL BOARD (Solder Side)



REPLACEMENT PARTS LIST

CAUTION: BEFORE REPLACEMENT ANY THESE COMPONENT, READ CAREFULLY THE **SAFETY PRECAUTIONS** IN THIS MANUAL.

MODEL: StudioWorks 76i DATE: 1996 . 4. 20.

S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		MAIN BOARD			
		CAPACITOR			
		C401	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C402	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C403	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C404	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C405	0CH5101K516	CAPA,CHIP CERAMIC M/L T.C R/S 100PF 50V K NP0 2012 R/TP	
		C406	0CE2276H618	CAPACITOR, ELECTROLYTIC 220U SMS 25V M FM5 TP(5)	
		C407	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C409	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C410	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C411	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C412	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C413	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C414	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C416	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C417	0CH5101K516	CAPA,CHIP CERAMIC M/L T.C R/S 100PF 50V K NP0 2012 R/TP	
		C418	0CH5101K516	CAPA,CHIP CERAMIC M/L T.C R/S 100PF 50V K NP0 2012 R/TP	
		C419	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C420	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C421	0CX1500K409	CAPACITOR TUBULA(T.C) 15P 50V J SL TA52	
		C422	0CX1500K409	CAPACITOR TUBULA(T.C) 15P 50V J SL TA52	
		C423	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C424	0CH4221K406	CHIP CAPA CERAMIC M/L T.C F/S 220P 50V J SL 2.0X1.25 R/TP	
		C425	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C426	0CE2276H618	CAPACITOR,ELECTROLYTIC 220U SMS 25V M FM5 TP(5)	
		C427	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C429	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C430	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C431	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C432	0CE4756K618	CAPACITOR,ELECTROLYTIC 4.7U SMS 50V M FM5 TP5	
		C501	0CE477CF618	CAPACITOR,ELECTROLYTIC 470UF SHL 16V M FL TP5	
		C502	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C503	181-288P	CAPACITOR MKT 100V 153JTR PHS86153	
		C504	0CE2256P618	CAPACITOR,ELECTROLYTIC 2.2U SMS 160V M FM5 TP5	
		C505	0CE108CH630	CAPACITOR,ELECTROLYTIC 1000UF SHL 25V M FM5 BULK	
		C506	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C507	0CN1210K519	CAPACITOR TUBULA(HIGH DIELE) 120P 50V K B TA52	

MODEL: StudioWorks 76i DATE: 1996 . 4. 20.

S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		C508	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C509	0CQ1021N419	CAPACITOR POLYESTER(MYLAR) 1000P 100V J POLY NI TP	
		C510	0CH2102K516	CAPA,CHIP CERAMIC M/L H.D R/S 1000P 50V K B 2.0X1.25 R/TP	
		C511	181-305A	CAPACITOR MPP 250V 104J S=10.0	
		C512	0CE2266R630	CAPACITOR,ELECTROLYTIC 22U SMS 250V M FM5	
		C513	181-305N	CAPACITOR MPP 250V 105J S=15.0	
		C514	181-305N	CAPACITOR MPP 250V 105J S=15.0	
		C515	0CE2256P618	CAPACITOR,ELECTROLYTIC 2.2U SMS 160V M FM5 TP5	
		C516	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C517	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C518	0CK1010W515	CAPACITOR,CERAMIC(HIGH DIELE) 100P 500V K B TS	
		C519	181-288H	CAPACITOR MKT 100V 333JTR PHS 86333	
		C520	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C521	181-288C	CAPACITOR MKT 100V 224JTR PHS 26224	
		C522	181-312W	CAPACITOR EKE3D103Z16BN SHC	
		C523	181-288C	CAPACITOR MKT 100V 224JTR PHS 26224	
		C524	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C525	181-288C	CAPACITOR MKT 100V 224JTR PHS 26224	
		C526	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C527	0CE1066K618	CAPACITOR, ELECTROLYTIC 10M SMS 50V M FM5 TP(5)	
		C528	0CE1076F618	CAPACITOR, ELECTROLYTIC 100UF SMS 16V M TP(5)	
		C529	181-288D	CAPACITOR MKT 100V 473JTR PHS26473	
		C530	0CE2266K618	CAPACITOR, ELECTROLYTIC 22M SMS 50V M FM5 TP(5)	
		C531	181-288M	CAPACITOR MKT 63V 105KTR PHS15105	
		C532	0CH4121K406	CHIP CAPA CERAMIC M/L T.C F/S 120P 50V J SL 2.0X1.2 R/P	
		C533	0CH2102K516	CAPA,CHIP CERAMIC M/L H.D R/S 1000P 50V K B 2.0X1.25 R/TP	
		C534	181-288H	CAPACITOR MKT 100V 333JTR PHS 86333	
		C535	0CK1030W510	CAPACITOR, CERAMIC(HIGH DIELE) 0.01U 500V K B S	
		C536	181-312W	CAPACITOR EKE3D103Z16BN SHC	
		C537	0CE2266R630	CAPACITOR, ELECTROLYTIC 22U SMS 250V M FM5	
		C538	0CK1510W515	CAPACITOR, CERAMIC(HIGH DIELEC) 150PF 500V K B TR	
		C539	0CE1076F618	CAPACITOR, ELECTROLYTIC 100UF SMS 16V M TP(5)	
		C540	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C541	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C542	0CE1076F618	CAPACITOR, ELECTROLYTIC 100UF SMS 16V M TP(5)	
		C601	0CQ1031N419	CAPACITOR POLYESTER(MYLAR) 0.01U 100V J POLY NI TP	
		C602	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C603	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C604	181-288C	CAPACITOR MKT 100V 224JTR PHS 26224	
		C605	181-288B	CAPACITOR MKT 100V 104JTR PHS26104	
		C606	0CE4776H630	CAPACITOR,ELECTROLYTIC 47OM SMS 25V M FM5	
		C607	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C608	0CE2266K618	CAPACITOR,ELECTROLYTIC 22M SMS 50V M FM5 TP(5)	
		C609	181-288H	CAPACITOR MKT 100V 333JTR PHS 86333	

MODEL: StudioWorks 76i DATE: 1996 . 4. 20.

S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		C610	0CH4470K406	CHIP CAPA CERAMIC M/L T.C F/S 47P 50V J SL 2.0X1.2 R/TP	
		C701	181-310B	CAPACITOR CE SM-BP(D) 50V 3.3UF TP5	
		C702	0CQ3321N419	CAPACITOR, POLYESTER(MYLAR) 3300P 100V J POLY NI TP	
		C703	181-288D	CAPACITOR MKT 100V 473JTR PHS26473	
		C704	0CQ1031N419	CAPACITOR POLYESTER(MYLAR) 0.01U 100V J POLY NI TP	
		C705	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C706	0CQ1231N419	CAPACITOR, POLYESTER(MYLAR) 0.0120UF 100V J PE NI TP	
		C707	0CH5101K516	CAPA,CHIP CERAMIC M/L T.C R/S 100PF 50V K NP0 2012 R/TP	
		C708	0CQ2221N419	CAPACITOR, POLYESTER(MYLAR) 2200PF 100V J PE NI TP	
		C709	0CE1076F618	CAPACITOR, ELECTROLYTIC 100UF SMS 16V M TP(5)	
		C710	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C712	0CE1076F618	CAPACITOR, ELECTROLYTIC 100UF SMS 16V M TP(5)	
		C713	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C714	181-288B	CAPACITOR MKT 100V 104JTR PHS26104	
		C715	0CH4221K406	CHIP CAPA CERAMIC M/L T.C F/S 220P 50V J SL 2.0X1.25 R/TP	
		C716	0CQ1021N419	CAPACITOR POLYESTER(MYLAR) 1000P 100V J POLY NI TP	
		C717	0CE1066N618	CAPACITOR, ELECTROLYTIC 10M SMS 100V M FM5 TP5	
		C718	181-309X	CAPACITOR BUP 1.6KV 542J S=20.0	
		C719	0CE1066K618	CAPACITOR, ELECTROLYTIC 10M SMS 50V M FM5 TP(5)	
		C720	0CH4221K406	CHIP CAPA CERAMIC M/L T.C F/S 220P 50V J SL 2.0X1.25 R/TP	
		C721	0CE3366K618	CAPACITOR, ELECTROLYTIC 33M SMS 50V M FM(5) TP(5)	
		C722	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
⚠		C723	0CE1066K618	CAPACITOR, ELECTROLYTIC 10M SMS 50V M FM5 TP(5)	
		C724	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C725	181-309A	CAPACITOR BUP 1.6KV 102J S=15.0	
		C726	0CE3376H618	CAPACITOR, ELECTROLYTIC 330M SMS 25V M FL TP(5)	
		C727	0CE3376H618	CAPACITOR, ELECTROLYTIC 330M SMS 25V M FL TP(5)	
		C728	0CE3376F618	CAPACITOR, ELECTROLYTIC 330M SMS 16V M FM5 TP5	
		C729	0CE1076K618	CAPACITOR, ELECTROLYTIC 100U SMS 50V M FM5 TP5	
		C730	0CE106CP618	CAPACITOR, ELECTROLYTIC 10U SHL 160V M FL TP5	
		C731	0CE4756K618	CAPACITOR, ELECTROLYTIC 4.7U SMS 50V M FM5 TP5	
		C732	181-288B	CAPACITOR MKT 100V 104JTR PHS26104	
		C733	0CE1066K618	CAPACITOR, ELECTROLYTIC 10M SMS 50V M FM5 TP(5)	
		C734	0CK2220W515	CAPACITOR CERAMIC(HIGH DIELE) 2200P 500V K B TS	
		C735	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C736	0CH1561K466	CAPACITOR CHIP CERAMIC 560P 50V J 2.0*1.25 R/TP	
		C737	0CE1066K618	CAPACITOR, ELECTROLYTIC 10M SMS 50V M FM5 TP(5)	
		C738	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C739	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C740	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C741	181-305S	CAPACITOR MPP 250V 424J S=20.0	
		C742	181-305E	CAPACITOR MPP 250V 224J S=10.0	
		C743	181-305W	CAPACITOR MPP 250V 604J S=15.0	
		C744	181-305H	CAPACITOR MPP 250V 394J S=10.0	

MODEL: StudioWorks 76i					DATE: 1996 . 4. 20.
S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		C745	0CE1066N618	CAPACITOR, ELECTROLYTIC 10M SMS 100V M FM5 TP5	
		C746	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C747	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C748	0CE1076H618	CAPACITOR, ELECTROLYTIC 100M SMS 25V M FM5 TP(5)	
		C749	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C750	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C751	0CE2266K618	CAPACITOR, ELECTROLYTIC 22M SMS 50V M FM5 TP(5)	
		C752	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C753	0CE1066K618	CAPACITOR, ELECTROLYTIC 10M SMS 50V M FM5 TP(5)	
		C754	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C755	0CE1076H618	CAPACITOR, ELECTROLYTIC 100M SMS 25V M FM5 TP(5)	
		C757	181-288M	CAPACITOR MKT 63V 105KTR PHS15105	
		C758	0CH4271K406	CAPA,CHIP CERAMIC M/L T.C F/S 270PF 50V J SL 2012 R/TP	
		C759	0CE4756K618	CAPACITOR, ELECTROLYTIC 4.7U SMS 50V M FM5 TP5	
		C760	0CE227CR650	CAPACITOR, ELECTROLYTIC 220UF SHL 250V M FM7.5 BULK	
		C761	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C762	0CQ1031N419	CAPACITOR POLYESTER(MYLAR) 0.01U 100V J POLY NI TP	
		C763	0CC1000W105	CAPACITOR, CERAMIC(TEMP COMP) 10PF 500V D SL TR	
		C764	181-288J	CAPACITOR MKT 100V 563JTR PHS26563	
⚠		C901	181-500D	CAPACITOR, POLYPROPYLENE MKT 335 10474M PHILIPS	
⚠	or	C901	181-192D	CAPACITOR, POLYPROPYLENE KNB1531 0.47UF 250V	
⚠	or	C901	181-494D	CAPACITOR, POLYPROPYLENE B81133-D1474K000	
⚠		C902	181-500D	CAPACITOR, POLYPROPYLENE MKT 335 10474M PHILIPS	
⚠	or	C902	181-192D	CAPACITOR, POLYPROPYLENE KNB1531 0.47UF 250V	
⚠	or	C902	181-494D	CAPACITOR,POLYPROPYLENE B81133-D1474K000	
		C905	0CK10201515	CAPACITOR, CERAMIC(HIGH DIELE) 1000P 1KV K B TS	
⚠		C907	181-296F	CAPACITOR 330UF 400V (30*40)	
		C908	0CK68101515	CAPACITOR CERAMIC(HIGH DIELE) 680P 1KV K B TS	
		C909	181-308W	CAPACITOR PU 630V 473J S=10.0	
		C910	0CE3366N618	CAPACITOR, ELECTROLYTIC 33U SMS 100V M FM5 TP5	
		C912	0CE4776H630	CAPACITOR, ELECTROLYTIC 470M SMS 25V M FL TP(5)	
		C913	0CN8210K519	CAPACITOR TUBULA(HIGH DIELE) 820P 50V K B TA52	
		C915	181-311A	CAPACITOR DE7100-486F222M VA1-KC	
		C916	181-311A	CAPACITOR DE7100-486F222M VA1-KC	
		C917	0CE1076K618	CAPACITOR, ELECTROLYTIC 100U SMS 50V M FM5 TP5	
		C918	181-311C	CAPACITOR DE7150-477F472M VA1-KC	
		C919	181-311C	CAPACITOR DE7150-477F472M VA1-KC	
		C920	0CE3366N618	CAPACITOR, ELECTROLYTIC 33U SMS 100V M FM5 TP5	
		C922	0CE108CF630	CAPACITOR, ELECTROLYTIC 1000UF SHL 16V M FM5 BULK	
		C923	0CE107CR650	CAPACITOR, ELECTROLYTIC 100UF SHL 250V M FM7.5 BULK	
		C925	0CE1076N630	CAPACITOR, ELECTROLYTIC 100U SMS 100V M FM5	
		C926	0CE2286H650	CAPACITOR, ELECTROLYTIC 2200U SMS 25V M FM7.5	
		C932	0CE4776H630	CAPACITOR, ELECTROLYTIC 47OM SMS 25V M FM5	
		C933	181-288B	CAPACITOR MKT 100V 104JTR PHS26104	

MODEL: StudioWorks 76i DATE: 1996 . 4. 20.

S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		C934	0CE2256K618	CAPACITOR, ELECTROLYTIC 2.2U SMS 50V M FM5 TP5	
		C935	0CE2256K618	CAPACITOR, ELECTROLYTIC 2.2U SMS 50V M FM5 TP5	
		C936	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C937	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C938	0CE4776H630	CAPACITOR, ELECTROLYTIC 47OM SMS 25V M FM5	
		C939	0CE4766H618	CAPACITOR, ELECTROLYTIC 47M SMS 25V M FL TP(5)	
		C940	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C941	0CE2276F618	CAPACITOR, ELECTROLYTIC 220UF SMS 16V M FL TP5	
		C942	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C944	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C945	0CE2256K618	CAPACITOR, ELECTROLYTIC 2.2U SMS 50V M FM5 TP5	
DIODE					
		D401	0DZ510009AB	DIODE ZENER MTZ5.1B,TP(52MM),ROHM	
		D402	0DZ510009AB	DIODE ZENER MTZ5.1B,TP(52MM),ROHM	
		D403	0DZ510009AB	DIODE ZENER MTZ5.1B,TP(52MM),ROHM	
		D404	0DZ510009AB	DIODE ZENER MTZ5.1B,TP(52MM),ROHM	
		D405	0DZ510009AB	DIODE ZENER MTZ5.1B,TP(52MM),ROHM	
		D406	0DZ510009AB	DIODE ZENER MTZ5.1B,TP(52MM),ROHM	
		D407	0DZ510009AB	DIODE ZENER MTZ5.1B,TP(52MM),ROHM	
		D408	0DZ510009AB	DIODE ZENER MTZ5.1B,TP(52MM),ROHM	
		D409	0DZ560009AA	DIODE ZENER MTZ5.6B,TP(52MM),ROHM	
		D410	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D501	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D502	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D503	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D504	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D505	0DZ620009AA	DIODE, ZENER 6.2B 0.25W	
		D506	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D507	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D508	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D509	0DZ910009BA	DIODE ZENER MTZ9.1B,TP(52MM),ROHM	
		D510	0DZ180009AA	DIODE ZENER MTZ18B,TP(52MM),ROHM	
		D511	0DD200009AH	DIODE RU2AMV(1) TP SANKEN	
		D512	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D513	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D514	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D515	0DD100009DK	DIODE RU1P V(1) TP SANKEN	
		D516	0DD100009DK	DIODE RU1P V(1) TP SANKEN	
		D517	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D518	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D519	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D701	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	

MODEL: StudioWorks 76i					DATE: 1996 . 4. 20.
S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		D702	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D703	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D704	0DD140009AA	DIODE EK14 V(1) TP SANKEN	
		D705	0DD200000AG	DIODE FMP-G2FS SANKEN	
	or	D705	0DD359150AA	DIODE BY359X-1500 PHILIPS	
		D706	0DZ150009BD	DIODE ZENER MTZ15B,TP(52MM),ROHM	
⚠		D707	0DZ820009AA	DIODE ZENER MTZ8.2B,TP(52MM),ROHM	
		D708	0DD300009AD	DIODE RU3CV(1) TP SANKEN	
		D709	0DD200009AH	DIODE RU2AMV(1) TP SANKEN	
		D710	0DD100009DD	DIODE RGP10D,TP(52MM),GI	
		D711	0DD100009DD	DIODE RGP10D,TP(52MM),GI	
		D712	0DD100009DD	DIODE RGP10D,TP(52MM),GI	
⚠		D713	0DD100009DD	DIODE RGP10D,TP(52MM),GI	
		D714	0DD100009DE	DIODE RGP10G,TP(52MM),GI	
		D715	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D716	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D717	0DD100009DD	DIODE RGP10D,TP(52MM),GI	
		D718	0DZ750009AA	DIODE ZENER MTZ7.5B,TP(52MM),ROHM	
		D719	0DZ150009BD	DIODE ZENER MTZ15B,TP(52MM),ROHM	
		D720	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D721	0DZ120009AA	DIODE ZENER MTZ12B 12V 10MA 0.5W TP ROHM	
		D722	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D723	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D724	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D725	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D726	0DD100009DD	DIODE RGP10D,TP(52MM),GI	
		D727	0DD100009DD	DIODE RGP10D,TP(52MM),GI	
⚠		D901	0DD360000DA	DIODE D3SBA60 SHINDENKEN	
⚠		D902	0DD100009DE	DIODE RGP10G,TP(52MM),GI	
		D903	0DD100009AH	DIODE ES1FV(1) TP SANKEN	
		D904	0DD100009DE	DIODE RGP10G,TP(52MM),GI	
		D906	0DZ820009AA	DIODE ZENER MTZ8.2B,TP(52MM),ROHM	
		D907	0DD220009AA	DIODE, RG2A2 TP	
		D908	0DD100009DD	DIODE RGP10D,TP(52MM),GI	
		D909	0DD100009DA	DIODE RGP10J,TP(52MM),GI	
		D912	0DD300900AB	DIODE SB30-09 SANYO	
		D913	0DD300009AC	DIODE RU3AMV(1) TP SANKEN	
		D914	0DD300009AC	DIODE RU3AMV(1) TP SANKEN	
		D915	0DD100009DA	DIODE RGP10J,TP(52MM),GI	
		D916	0DD300900AA	DIODE SB30-09J,SANYO	
		D917	0DD400509BB	DIODE UF4005,(52MM) TP GI	
		D918	0DZ820009AA	DIODE ZENER MTZ8.2B,TP(52MM),ROHM	
		D919	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D922	0DZ820009AA	DIODE ZENER MTZ8.2B,TP(52MM),ROHM	

MODEL: StudioWorks 76i					DATE: 1996 . 4. 20.
S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		D923	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D924	0DZ820009AA	DIODE ZENER MTZ8.2B,TP(52MM),ROHM	
		D925	0DD100009DD	DIODE RGP10D,TP(52MM),GI	
		D927	0DD400209DB	DIODE IN4002,(52MM) TP ROHM	
		D928	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D929	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D930	0DD390009AA	DIODE RK39V,TP,SANKEN	
		D931	0DZ750009AA	DIODE ZENER MTZ7.5B,TP(52MM),ROHM	
		D932	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D933	0DD220009AA	DIODE RG2A(2) TP SANKEN	
	IC				
		IC401	167-094E	IC ST6371B1J2,CS580 OTP MICOM	
		IC402	0ISG942200A	IC,SGS-THOMSON STV 9422	
		IC403	0IMP242100A	IC,MICRO CHIP TECHNOLOGY 24LC21	
		IC404	0IGS741400A	IC, GOLDSTAR ELECTRON GD74LS14 HEX S-TRIG INNERTER	
		IC501	0IGS393000B	IC, GOLDSTAR ELECTRON GL393 8D DUAL VOL.COMPARATOR	
		IC503	0IGS358000A	IC, GOLDSTAR ELECTRON GL358 8D DUAL OP-AMP	
		IC504	0IGS393000B	IC, GOLDSTAR ELECTRON GL393 8D DUAL VOL.COMPARATOR	
		IC601	0IPH486600A	IC,PHILIPS TDA4866	
		IC651	0ISG200600B	IC,SGS-THOMSON TDA2006V	
⚠		IC701	0IPH485500A	IC,PHILIPS TDA4855	
⚠		IC702	0IGS358000A	IC, GOLDSTAR ELECTRON GL358 8D DUAL OP-AMP	
		IC703	0IGS358000A	IC, GOLDSTAR ELECTRON GL358 8D DUAL OP-AMP	
⚠		IC901	0ISK671800A	IC,SANKEN STR/S6718(LF.953) 9P SINGLE	
⚠		IC902	0ITO721400A	IC,TOSHIBA TLP721[D4-GR] 4D PHOTO(SEMKO)	
		IC903	0IKE431000B	IC,KEC KIA431 (TP)	
		IC904	0IGS781200A	IC, GOLDSTAR ELECTRON GL7812 REGULATOR	
		IC905	0INS294000A	IC,NATIONAL SEMICONDUCTOR LM 2940 CT	
	COIL & CORE				
		L401	125-155J	CORE (CIRC) BEAD(BFS2550A0FG)SAMHWA	
		L402	125-155J	CORE (CIRC) BEAD(BFS2550A0FG)SAMHWA	
		L501	125-155K	CORE (CIRC) BEAD(BFS3550A0FG)SAMHWA	
		L502	150-985D	COIL CHOKE 2.5MH	
		L503	150-235F	COIL CHOKE 25uH 1A	
		L504	125-155J	CORE (CIRC) BEAD(BFS2550A0FG)SAMHWA	
		L505	125-155J	CORE (CIRC) BEAD(BFS2550A0FG)SAMHWA	
		L702	150-539G	COIL H-CENTERING (4.5MH)	
		L703	150-B11A	COIL LINEARITY (DOUBLE)	
		L704	125-155C	CORE (CIRC) BEAD(BFD3514R2FG)SAMHWA	
		L705	125-155K	CORE (CIRC) BEAD(BFS3550A0FG)SAMHWA	
		L706	125-155K	CORE (CIRC) BEAD(BFS3550A0FG)SAMHWA	
		L707	125-155C	CORE (CIRC) BEAD(BFD3514R2FG)SAMHWA	

MODEL: StudioWorks 76i					DATE: 1996 . 4. 20.
S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		L708	125-155J	CORE (CIRC) BEAD(BFS2550A0FG)SAMHWA	
⚠		L901	150-A50A	COIL SQV,30X30,0.60,17MH MIN	
		L902	125-155B	CORE (CIRC) BEAD(BFS3580R2FG)SAMHWA	
		L903	125-155A	CORE (CIRC) BEAD(BFD3510R2FG)SAMHWA	
		L905	125-155C	CORE (CIRC) BEAD(BFD3514R2FG)SAMHWA	
	TRANSISTOR				
		Q401	0TR114009AB	TRANSISTOR DTC114ES,TP,ROHM	
		Q403	0TR319809AA	TRANSISTOR KTC3198-TP-Y (KTC1815)KEC	
		Q404	0TR114009AB	TRANSISTOR DTC114ES,TP,ROHM	
		Q501	0TR114009AB	TRANSISTOR DTC114ES,TP,ROHM	
		Q502	0TR127509AC	TRANSISTOR KTA1275-Y TP(KTA1013),KEC	
		Q503	0TR320609AB	TRANSISTOR KTC3206-Y,TP(KTC2229),KEC	
		Q504	0TR319809AA	TRANSISTOR KTC3198-TP-Y (KTC1815)KEC	
		Q505	0TR127009AA	TRANSISTOR KTA1270-TP-Y (KTA562TM)KEC	
		Q506	0TR319809AA	TRANSISTOR KTC3198-TP-Y (KTC1815)KEC	
		Q507	0TR127009AA	TRANSISTOR KTA1270-TP-Y (KTA562TM)KEC	
		Q508	0TR390409CA	TRANSISTOR 2N3904 TP SAMSUNG	
		Q509	0TR127009AA	TRANSISTOR KTA1270-TP-Y (KTA562TM)KEC	
		Q510	0TR320209AA	TRANSISTOR KTC3202-TP-Y (KTC1959)KEC	
		Q511	0TF963000AA	FET IRFS9630 SAMSUNG	
		Q512	0TR114009AA	TRANSISTOR DTA114ES,TP,ROHM	
		Q701	0TR114009AA	TRANSISTOR DTA114ES,TP,ROHM	
		Q702	0TR319809AA	TRANSISTOR KTC3198-TP-Y (KTC1815)KEC	
		Q703	0TR319809AA	TRANSISTOR KTC3198-TP-Y (KTC1815)KEC	
		Q704	0TR390409CA	TRANSISTOR 2N3904 TP SAMSUNG	
		Q705	0TR127009AA	TRANSISTOR KTA1270-TP-Y (KTA562TM)KEC	
		Q706	0TR320209AA	TRANSISTOR KTC3202-TP-Y (KTC1959)KEC	
		Q707	0TR200009AB	TRANSISTOR KTC200-Y,TP,KEC	
		Q708	0TR252200AA	TRANSISTOR BU2522AF PHILIPS	
	or	Q708	0TR252700AA	TRANSISTOR BU2527AF PHILIPS	
		Q709	0TR319809AA	TRANSISTOR KTC3198-TP-Y (KTC1815)KEC	
		Q710	0TR320209AA	TRANSISTOR KTC3202-TP-Y (KTC1959)KEC	
		Q711	0TR127009AA	TRANSISTOR KTA1270-TP-Y (KTA562TM)KEC	
⚠		Q712	0TF136300AA	FET 2SK1363 TOSHIBA	
		Q713	0TR320609AB	TRANSISTOR KTC3206-Y,TP(KTC2229),KEC	
		Q714	0TR319809AA	TRANSISTOR KTC3198-TP-Y (KTC1815)KEC	
		Q715	0TR320709AA	TRANSISTOR KTC3207,TP(KTC2482),KEC	
		Q716	0TR114009AB	TRANSISTOR DTC114ES,TP,ROHM	
		Q717	0TR114009AB	TRANSISTOR DTC114ES,TP,ROHM	
		Q718	0TR114009AB	TRANSISTOR DTC114ES,TP,ROHM	
		Q719	0TF213400AA	FET 2SK2134 NEC	
		Q720	0TF213400AA	FET 2SK2134 NEC	
		Q721	0TF213400AA	FET 2SK2134 NEC	

MODEL: StudioWorks 76i DATE: 1996 . 4. 20.

S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		Q722	0TR320509AB	TRANSISTOR KTC3205-Y (KTC2236A) TP KEC	
		Q723	0TR390409CA	TRANSISTOR 2N3904 TP SAMSUNG	
		Q724	0TR390409CA	TRANSISTOR 2N3904 TP SAMSUNG	
		Q725	0TR463300AA	TRANSISTOR 2SC4633 SANYO	
		Q726	0TR463300AA	TRANSISTOR 2SC4633 SANYO	
		Q728	0TF220000AA	FET IRFU220 SAMSUNG	
		Q729	0TR114009AB	TRANSISTOR DTC114ES,TP,ROHM	
		Q901	0TR102709AA	TRANSISTOR KTC1027-Y TP(KTC2235),KEC	
		Q902	0TR102709AA	TRANSISTOR KTC1027-Y TP(KTC2235),KEC	
		Q903	0TR231609AA	TRANSISTOR KSC2316-Y TP SAMSUNG	
		Q904	0TR231609AA	TRANSISTOR KSC2316-Y TP SAMSUNG	
		Q905	0TR200009AB	TRANSISTOR KTC200-Y,TP,KEC	
		Q906	0TR319809AA	TRANSISTOR KTC3198-TP-Y (KTC1815)KEC	
		Q907	0TR319809AA	TRANSISTOR KTC3198-TP-Y (KTC1815)KEC	
		Q908	0TR319809AA	TRANSISTOR KTC3198-TP-Y (KTC1815)KEC	
		Q909	0TR114009AB	TRANSISTOR DTC114ES,TP,ROHM	
		Q910	0TR231609AA	TRANSISTOR KSC2316-Y TP SAMSUNG	
		Q911	0TR165900AA	TRANSISTOR KTA1659Y KEC	
		Q912	0TR319809AA	TRANSISTOR KTC3198-TP-Y (KTC1815)KEC	
		Q913	0TR114009AB	TRANSISTOR DTC114ES,TP,ROHM	
		Q914	0TR114009AB	TRANSISTOR DTC114ES,TP,ROHM	
		Q915	0TR114009AB	TRANSISTOR DTC114ES,TP,ROHM	
	RESISTOR				
		R401	0RH4701D622	RESISTOR CHIP 4.7K 1/10W 5 D.R/TP	
		R402	0RD1002F609	RESISTOR,FIXED CARBON FILM 10K 1/6W 5 TA52	
		R403	0RD1002F609	RESISTOR,FIXED CARBON FILM 10K 1/6W 5 TA52	
		R404	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R405	0RH3002D622	RESISTOR CHIP 30K 1/10W 5 D.R/TP	
		R406	0RH2002D622	RESISTOR CHIP 20K 1/10W 5 D.R/TP	
		R407	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R408	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R409	0RD1002F509	RESISTOR,FIXED CARBON FILM 10K 1/6W 2 TA52	
		R410	0RD2200F609	RESISTOR,FIXED CARBON FILM 220 1/6W 5 TA52	
		R411	0RD2200F609	RESISTOR,FIXED CARBON FILM 220 1/6W 5 TA52	
		R412	0RD1002F609	RESISTOR,FIXED CARBON FILM 10K 1/6W 5 TA52	
		R413	0RD1002F609	RESISTOR,FIXED CARBON FILM 10K 1/6W 5 TA52	
		R415	0RD1002F609	RESISTOR,FIXED CARBON FILM 10K 1/6W 5 TA52	
		R416	0RD1002F609	RESISTOR,FIXED CARBON FILM 10K 1/6W 5 TA52	
		R417	0RD3002F609	RESISTOR,FIXED CARBON FILM 30K 1/6W 5 TA52	
		R418	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R419	0RD3002F609	RESISTOR,FIXED CARBON FILM 30K 1/6W 5 TA52	
		R420	0RH3002D622	RESISTOR CHIP 30K 1/10W 5 D.R/TP	

MODEL: StudioWorks 76i DATE: 1996 . 4. 20.

S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R421	0RH1000D622	RESISTOR CHIP 100 1/10W 5 D.R/TP	
		R423	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R424	0RH1000D622	RESISTOR CHIP 100 1/10W 5 D.R/TP	
		R425	0RH1000D622	RESISTOR CHIP 100 1/10W 5 D.R/TP	
		R426	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R427	0RH1502D622	RESISTOR CHIP 15K 1/10W 5 D.R/TP	
		R428	0RH1502D622	RESISTOR CHIP 15K 1/10W 5 D.R/TP	
		R429	0RH1001D622	RESISTOR CHIP 1.0K 1/10W 5 D.R/TP	
		R430	0RD1000F609	RESISTOR,FIXED CARBON FILM 100 1/6W 5 TA52	
		R431	0RH1001D622	RESISTOR CHIP 1.0K 1/10W 5 D.R/TP	
		R432	0RH1001D622	RESISTOR CHIP 1.0K 1/10W 5 D.R/TP	
		R433	0RD1001F609	RESISTOR,FIXED CARBON FILM 1.0K 1/6W 5 TA52	
		R435	0RD1002F609	RESISTOR,FIXED CARBON FILM 10K 1/6W 5 TA52	
		R436	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R437	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R438	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R439	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R440	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R441	0RH1005D622	RESISTOR CHIP 10M 1/10W 5 D.R/TP	
		R442	0RD1002F609	RESISTOR,FIXED CARBON FILM 10K 1/6W 5 TA52	
		R443	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R444	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R445	0RH1001D622	RESISTOR CHIP 1.0K 1/10W 5 D.R/TP	
		R446	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R450	0RH1003D622	RESISTOR CHIP 100K 1/10W 5 D.R/TP	
		R451	0RH1003D622	RESISTOR CHIP 100K 1/10W 5 D.R/TP	
		R452	0RH4703D622	RESISTOR CHIP 470K 1/10W 5 D.R/TP	
		R453	0RH1001D622	RESISTOR CHIP 1.0K 1/10W 5 D.R/TP	
		R501	0RH5602D622	RESISTOR CHIP 56K 1/10W 5 D.R/TP	
		R502	0RD1503F609	RESISTOR,FIXED CARBON FILM 150K 1/6W 5 TA52	
		R503	0RD4700F609	RESISTOR,FIXED CARBON FILM 470 1/6W 5 TA52	
		R504	0RH1003D622	RESISTOR CHIP 100K 1/10W 5 D.R/TP	
		R505	0RD3002F609	RESISTOR,FIXED CARBON FILM 30K 1/6W 5 TA52	
		R506	0RD1001F609	RESISTOR,FIXED CARBON FILM 1.0K 1/6W 5 TA52	
		R507	0RD1003F609	RESISTOR,FIXED CARBON FILM 100K 1/6W 5 TA52	
		R508	0RD3002H609	RESISTOR,FIXED CARBON FILM 30K 1/2W 5 TA52	
		R509	0RH8202D622	RESISTOR CHIP 82K 1/10W 5 D.R/TP	
		R510	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R511	0RH4703D622	RESISTOR CHIP 470K 1/10W 5 D.R/TP	
		R512	0RD5102F609	RESISTOR,FIXED CARBON FILM 51K 1/6W 5 TA52	
		R513	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R514	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R515	0RD1002F609	RESISTOR,FIXED CARBON FILM 10K 1/6W 5 TA52	
		R516	0RD1002F609	RESISTOR,FIXED CARBON FILM 10K 1/6W 5 TA52	

MODEL: StudioWorks 76i					DATE: 1996 . 4. 20.
S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R517	0RH1501D622	RESISTOR CHIP 1.5K 1/10W 5 D.R/TP	
		R518	0RD1201F609	RESISTOR,FIXED CARBON FILM 1.2K 1/6W 5 TA52	
		R519	0RH8201D622	RESISTOR CHIP 8.2K 1/10W 5 D.R/TP	
		R520	0RH2201D622	RESISTOR,CHIP 2.2K 1/10W P-TYPE TAPPING	
		R521	0RH3901D622	RESISTOR CHIP 3.9K 1/10W 5 D.R/TP	
		R522	0RH4703D622	RESISTOR CHIP 470K 1/10W 5 D.R/TP	
		R523	0RH4701D622	RESISTOR CHIP 4.7K 1/10W 5 D.R/TP	
		R524	0RD0472F609	RESISTOR,FIXED CARBON FILM 47 1/6W 5% TA	
		R525	0RD5601F609	RESISTOR,FIXED CARBON FILM 5.6K 1/6W 5 TA52	
		R526	0RD2703H609	RESISTOR,FIXED CARBON FILM 270K 1/2W 5 TA52	
		R527	0RH1202D422	RESISTOR,CHIP 12000 OHM 1 / 10 W 1% D R/TP	
		R528	0RH3902D622	RESISTOR CHIP 39K 1/10W 5 D.R/TP	
		R529	0RH1002D422	RESISTOR,CHIP 10000 OHM 1 / 10 W 1% D R/TP	
		R530	0RH2402D622	RESISTOR CHIP 24K 1/10W 5 TA	
		R531	0RD5602F609	RESISTOR,FIXED CARBON FILM 56K 1/6W 5 TA52	
		R532	0RH5602D622	RESISTOR CHIP 56K 1/10W 5 D.R/TP	
		R533	0RH9102D622	RESISTOR CHIP 91K 1/10W 5 D.R/TP	
		R534	0RD2002F609	RESISTOR,FIXED CARBON FILM 20K 1/6W 5 TA52	
		R535	0RD2703F609	RESISTOR,FIXED CARBON FILM 270K 1/6W 5 TA52	
		R536	0RH1803D622	RESISTOR CHIP 180K 1/10W 5 D.R/TP	
		R537	0RD4701F509	RESISTOR,FIXED CARBON FILM 4.7K 1/6W 2 TA52	
		R538	0RD1502F509	RESISTOR,FIXED CARBON FILM 15K 1/6W 2 TA52	
		R539	0RN0270H609	RESISTOR FIX METAL FILM 0.27 1/2W 5 TA52	
		R540	0RD0472H609	RESISTOR,FIXED CARBON FILM 47 1/2W 5 TA52	
		R541	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R542	0RH1003D622	RESISTOR CHIP 100K 1/10W 5 D.R/TP	
		R543	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R544	0RH1202D622	RESISTOR CHIP 12K 1/10W 5 D.R/TP	
		R545	0RD0151H609	RESISTOR,FIXED CARBON FILM 1.5 1/2W 5 TA52	
		R546	0RS0102J609	RESISTOR,FIX METAL FILM OXIDE 10 1W 5 TA52	
		R547	0RH2702D622	RESISTOR CHIP 27K 1/10W 5 D.R/TP	
		R548	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R549	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R550	0RD1001F609	RESISTOR,FIXED CARBON FILM 1.0K 1/6W 5 TA52	
		R551	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R552	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R553	0RH4700D622	RESISTOR CHIP 470 1/10W 5 D.R/TP	
		R554	0RD1203F609	RESISTOR,FIXED CARBON FILM 120K 1/6W 5 TA52	
		R555	0RH1001D622	RESISTOR CHIP 1.0K 1/10W 5 D.R/TP	
		R556	0RH2401D622	RESISTOR CHIP 2.4K 1/10W 5 TA	
		R557	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R601	0RH1001D622	RESISTOR CHIP 1.0K 1/10W 5 D.R/TP	
		R602	0RD2002F609	RESISTOR,FIXED CARBON FILM 20K 1/6W 5 TA52	
		R603	0RD2002F609	RESISTOR,FIXED CARBON FILM 20K 1/6W 5 TA52	

MODEL: StudioWorks 76i					DATE: 1996 . 4. 20.
S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R604	0RH8202D622	RESISTOR CHIP 82K 1/10W 5 D.R/TP	
		R605	0RH2002D622	RESISTOR CHIP 20K 1/10W 5 D.R/TP	
		R606	0RH1001D622	RESISTOR CHIP 1.0K 1/10W 5 D.R/TP	
		R607	0RH1001D622	RESISTOR CHIP 1.0K 1/10W 5 D.R/TP	
		R608	0RD0101H609	RESISTOR,FIXED CARBON FILM 1.0 1/2W 5 TA52	
		R609	0RN0101H609	RESISTOR 1.0 1/2W 5 TA52	
		R610	0RD3300H609	RESISTOR,FIXED CARBON FILM 330 1/2W 5 TA52	
		R611	0RN2401F409	RESISTOR,FIX METAL FILM 2.40K 1/6W 1% TA52	
		R612	0RD1002F609	RESISTOR,FIXED CARBON FILM 10K 1/6W 5 TA52	
		R613	0RD1000H609	RESISTOR,FIXED CARBON FILM 100 1/2W 5 TA52	
		R614	0RD0102H609	RESISTOR,FIXED CARBON FILM 10 1/2W 5 TA52	
		R615	0RH1000D622	RESISTOR CHIP 100 1/10W 5 D.R/TP	
		R616	0RH8202D622	RESISTOR CHIP 82K 1/10W 5 D.R/TP	
		R701	0RH0000D622	RESISTOR,CHIP 0 1/10W P-TYPE TAPPING	
		R702	0RH1203D622	RESISTOR CHIP 120K 1/10W 5 D.R/TP	
		R703	0RD2002F609	RESISTOR,FIXED CARBON FILM 20K 1/6W 5 TA52	
		R704	0RD2002F609	RESISTOR,FIXED CARBON FILM 20K 1/6W 5 TA52	
		R705	0RH8201D622	RESISTOR CHIP 8.2K 1/10W 5 D.R/TP	
		R706	0RH1801D422	RESISTOR,CHIP 1800 OHM 1 / 10 W 1% D R/TP	
		R708	0RH1001D422	RESISTOR,CHIP 1000 OHM 1 / 10 W 1% D R/TP	
		R709	0RD3002F609	RESISTOR,FIXED CARBON FILM 30K 1/6W 5 TA52	
		R710	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R711	0RD2202F609	RESISTOR,FIXED CARBON FILM 22K 1/6W 5 TA52	
		R712	0RH2003D622	RESISTOR CHIP 200K 1/10W 5 TA	
		R713	0RH1202D622	RESISTOR CHIP 12K 1/10W 5 D.R/TP	
		R714	0RD1001F609	RESISTOR,FIXED CARBON FILM 1.0K 1/6W 5 TA52	
		R715	0RD1201F609	RESISTOR,FIXED CARBON FILM 1.2K 1/6W 5 TA52	
		R716	0RH1001D622	RESISTOR CHIP 1.0K 1/10W 5 D.R/TP	
		R718	0RH7501D622	RESISTOR CHIP 7.5K 1/10W 5 D.R/TP	
		R719	0RD6801F609	RESISTOR,FIXED CARBON FILM 6.8K 1/6W 5 TA52	
		R720	0RH2401D622	RESISTOR CHIP 2.4K 1/10W 5 TA	
		R721	0RD1301F609	RESISTOR,FIXED CARBON FILM 1.3K 1/6W 5 TA52	
		R722	0RD2001F609	RESISTOR,FIXED CARBON FILM 2.0K 1/6W 5 TA52	
		R723	0RH2200D622	RESISTOR CHIP 220 1/10W 5 D.R/TP	
		R724	0RD4700G609	RESISTOR,FIXED CARBON FILM 470 1/4W 5 TA52	
		R725	0RD0102H609	RESISTOR,FIXED CARBON FILM 10 1/2W 5 TA52	
		R726	0RN0910H609	RESISTOR FIX METAL FILM 0.91 1/2W 5 TA52	
		R727	0RN0330H609	RESISTOR FIX METAL FILM 0.33 1/2W 5 TA52	
		R728	0RD0472H609	RESISTOR,FIXED CARBON FILM 47 1/2W 5 TA52	
		R729	0RH2200D622	RESISTOR CHIP 220 1/10W 5 D.R/TP	
		R730	0RD0102F609	RESISTOR,FIXED CARBON FILM 10 1/6W 5 TA52	
		R731	0RD3301F609	RESISTOR,FIXED CARBON FILM 3.3K 1/6W 5 TA52	
		R732	0RD0472F609	RESISTOR,FIXED CARBON FILM 47 1/6W 5% TA	
		R733	0RD4701F609	RESISTOR,FIXED CARBON FILM 4.7K 1/6W 5 TA52	

MODEL: StudioWorks 76i					DATE: 1996 . 4. 20.
S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
⚠		R734	0RD4701F609	RESISTOR,FIXED CARBON FILM 4.7K 1/6W 5 TA52	
		R735	0RD1002F609	RESISTOR,FIXED CARBON FILM 10K 1/6W 5 TA52	
		R736	0RD5602F609	RESISTOR,FIXED CARBON FILM 56K 1/6W 5 TA52	
		R737	0RN0470H609	RESISTOR FIX METAL FILM 0.47 1/2W 5 TA52	
		R738	0RD1001F609	RESISTOR,FIXED CARBON FILM 1.0K 1/6W 5 TA52	
		R739	0RH1004D622	RESISTOR CHIP 1.0M 1/10W 5 D.R/TP	
		R740	0RH1801D622	RESISTOR CHIP 1.8K 1/10W 5 D.R/TP	
		R741	0RH1201D622	RESISTOR CHIP 1.2K 1/10W 5 D.R/TP	
		R742	0RH5101D622	RESISTOR CHIP 5.1K 1/10W 5 D.R/TP	
		R743	0RD1503F609	RESISTOR,FIXED CARBON FILM 150K 1/6W 5 TA52	
		R744	0RD1001F609	RESISTOR,FIXED CARBON FILM 1.0K 1/6W 5 TA52	
		R745	0RD2003F609	RESISTOR,FIXED CARBON FILM 200K 1/6W 5 TA52	
		R746	0RD5602G609	RESISTOR,FIXED CARBON FILM 56K 1/4W 5 TA52	
		R747	0RD5602G609	RESISTOR,FIXED CARBON FILM 56K 1/4W 5 TA52	
		R748	0RH1001D622	RESISTOR CHIP 1.0K 1/10W 5 D.R/TP	
		R749	0RH5602D622	RESISTOR CHIP 56K 1/10W 5 D.R/TP	
		R750	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R751	0RD1002F609	RESISTOR,FIXED CARBON FILM 10K 1/6W 5 TA52	
		R752	0RD1002F609	RESISTOR,FIXED CARBON FILM 10K 1/6W 5 TA52	
		R753	0RD1002F609	RESISTOR,FIXED CARBON FILM 10K 1/6W 5 TA52	
		R754	0RD1204F609	RESISTOR,FIXED CARBON FILM 1.2M 1/6W 5% TA	
		R755	0RD1204F609	RESISTOR,FIXED CARBON FILM 1.2M 1/6W 5% TA	
		R756	0RD1204F609	RESISTOR,FIXED CARBON FILM 1.2M 1/6W 5% TA	
		R757	0RD4700H609	RESISTOR,FIXED CARBON FILM 470 1/2W 5 TA52	
		R758	0RD4700H609	RESISTOR,FIXED CARBON FILM 470 1/2W 5 TA52	
		R759	0RD2200H609	RESISTOR,FIXED CARBON FILM 220 1/2W 5 TA52	
		R760	0RH2002D622	RESISTOR CHIP 20K 1/10W 5 D.R/TP	
		R761	0RH4701D622	RESISTOR CHIP 4.7K 1/10W 5 D.R/TP	
		R762	180-465C	RESISTOR,VARIABLE CEMENT 5W 39J (V-TYPE)	
		R763	0RD0102F609	RESISTOR,FIXED CARBON FILM 10 1/6W 5 TA52	
		R764	0RD3002F609	RESISTOR,FIXED CARBON FILM 30K 1/6W 5 TA52	
		R765	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R766	0RH1004D622	RESISTOR CHIP 1.0M 1/10W 5 D.R/TP	
		R768	0RD2702F509	RESISTOR,FIXED CARBON FILM 27K 1/6W 2 TA52	
		R769	0RH1002D422	RESISTOR,CHIP 10000 OHM 1 / 10 W 1% D R/TP	
		R770	0RD0472F609	RESISTOR,FIXED CARBON FILM 47 1/6W 5% TA	
		R771	0RH1203D622	RESISTOR CHIP 120K 1/10W 5 D.R/TP	
		R772	0RD6201F609	RESISTOR,FIXED CARBON FILM 6.2K 1/6W 5 TA52	
		R773	0RD0472F609	RESISTOR,FIXED CARBON FILM 47 1/6W 5% TA	
		R774	0RD7502H609	RESISTOR,FIXED CARBON FILM 75K 1/2W 5 TA52	
		R775	0RD2703H609	RESISTOR,FIXED CARBON FILM 270K 1/2W 5 TA52	
		R776	0RS1803K607	RESISTOR,FIX METAL FILM OXIDE 180K 2W 5% TA62	
		R777	0RS1803K607	RESISTOR,FIX METAL FILM OXIDE 180K 2W 5% TA62	
		R778	0RD4701H609	RESISTOR,FIXED CARBON FILM 4.7K 1/2W 5 TA52	

MODEL: StudioWorks 76i DATE: 1996 . 4. 20.

S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R779	0RD0102F609	RESISTOR,FIXED CARBON FILM 10 1/6W 5 TA52	
		R780	0RD0102G609	RESISTOR,FIXED CARBON FILM 10 1/4W 5 TA52	
		R781	0RH5601D622	RESISTOR CHIP 5.6K 1/10W 5 D.R/TP	
		R783	180-465C	RESISTOR,VARIABLE CEMENT 5W 39J (V-TYPE)	
		R784	0RD1001F609	RESISTOR,FIXED CARBON FILM 1.0K 1/6W 5 TA52	
		R785	0RD0202H609	RESISTOR,FIXED CARBON FILM 20 1/2W 5 TA52	
		R786	0RD0332F609	RESISTOR,FIXED CARBON FILM 33 1/6W 5 TA52	
		R787	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R788	0RD5601F609	RESISTOR,FIXED CARBON FILM 5.6K 1/6W 5 TA52	
		R789	0RH9102D622	CHIP RESISTOR 91K 1/10W P-TYPE TAPPING	
		R790	0RD3903F609	RESISTOR,FIXED CARBON FILM 390K 1/6W 5 TA52	
		R901	0RD3003H609	RESISTOR,FIXED CARBON FILM 300K 1/2W 5 TA52	
		R902	180-465H	RESISTOR,VARIABLE CEMENT 5W 0.24J(V-TYPE)	
		R903	180-465H	RESISTOR,VARIABLE CEMENT 5W 0.24J(V-TYPE)	
⚠		R904	0RD2202H609	RESISTOR,FIXED CARBON FILM 22K 1/2W 5 TA52	
⚠		R905	0RD2202H609	RESISTOR,FIXED CARBON FILM 22K 1/2W 5 TA52	
		R906	0RD3003G609	RESISTOR,FIXED CARBON FILM 300K 1/4W 5 TA52	
		R907	0RD3003G609	RESISTOR,FIXED CARBON FILM 300K 1/4W 5 TA52	
		R908	0RS1003J609	RESISTOR,FIX METAL FILM OXIDE 100K 1W 5% TA52	
		R909	0RD2002H609	RESISTOR,FIXED CARBON FILM 20K 1/2W 5 TA52	
		R910	0RD0472H609	RESISTOR,FIXED CARBON FILM 47 1/2W 5 TA52	
		R911	0RD0242H609	RESISTOR,FIXED CARBON FILM 24 1/2W 5 TA52	
		R912	0RD0242H609	RESISTOR,FIXED CARBON FILM 24 1/2W 5 TA52	
		R913	0RN0390H609	RESISTOR FIX METAL FILM 0.39 1/2W 5 TA52	
		R914	0RN0330H609	RESISTOR FIX METAL FILM 0.33 1/2W 5 TA52	
		R915	0RD1003G609	RESISTOR,FIXED CARBON FILM 100K 1/4W 5 TA52	
		R916	0RD1001F609	RESISTOR,FIXED CARBON FILM 1.0K 1/6W 5 TA52	
		R917	0RD3001F609	RESISTOR,FIXED CARBON FILM 3.0K 1/6W 5 TA52	
		R918	0RD1004F609	RESISTOR,FIXED CARBON FILM 1.0M 1/6W 5 TA52	
		R922	0RN0270H609	RESISTOR FIX METAL FILM 0.27 1/2W 5 TA52	
		R923	0RN0270H609	RESISTOR FIX METAL FILM 0.27 1/2W 5 TA52	
		R924	0RN0270H609	RESISTOR FIX METAL FILM 0.27 1/2W 5 TA52	
		R925	0RN0270H609	RESISTOR FIX METAL FILM 0.27 1/2W 5 TA52	
		R926	0RD2002H609	RESISTOR,FIXED CARBON FILM 20K 1/2W 5 TA52	
		R927	0RD0471H609	RESISTOR,FIXED CARBON FILM 4.7 1/2W 5 TA52	
		R928	0RH1201D622	RESISTOR CHIP 1.2K 1/10W 5 D.R/TP	
		R929	0RH1501D622	RESISTOR CHIP 1.5K 1/10W 5 D.R/TP	
		R930	0RD2001G609	RESISTOR,FIXED CARBON FILM 2.0K 1/4W 5 TA52	
		R931	0RH2203D622	RESISTOR CHIP 220K 1/10W 5 D.R/TP	
		R932	0RD7502G609	RESISTOR,FIXED CARBON FILM 75K 1/4W 5 TA52	
		R933	0RD7502G609	RESISTOR,FIXED CARBON FILM 75K 1/4W 5 TA52	
		R934	0RD2002F609	RESISTOR,FIXED CARBON FILM 20K 1/6W 5 TA52	
		R935	0RD2002H609	RESISTOR,FIXED CARBON FILM 20K 1/2W 5 TA52	
		R936	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	

MODEL: StudioWorks 76i					DATE: 1996 . 4. 20.
S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R937	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R938	0RH2001D622	RESISTOR CHIP 2.0K 1/10W 5 D.R/TP	
		R939	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R940	0RH2002D622	RESISTOR CHIP 20K 1/10W 5 D.R/TP	
		R941	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R942	0RH3002D622	RESISTOR CHIP 30K 1/10W 5 D.R/TP	
		R943	0RD3002H609	RESISTOR,FIXED CARBON FILM 30K 1/2W 5 TA52	
		R944	0RD1500H609	RESISTOR,FIXED CARBON FILM 150 1/2W 5 TA52	
		R945	0RH2002D622	RESISTOR CHIP 20K 1/10W 5 D.R/TP	
		R946	0RS0331J607	RESISTOR,FIX METAL FILM OXIDE 3.30 1W 5% TA62	
		R947	0RS0331J607	RESISTOR,FIX METAL FILM OXIDE 3.30 1W 5% TA62	
		R948	0RH1001D622	RESISTOR CHIP 1.0K 1/10W 5 D.R/TP	
		R949	0RD0102F609	RESISTOR,FIXED CARBON FILM 10 1/6W 5 TA52	
		R950	0RD0152H609	RESISTOR,FIXED CARBON FILM 15 1/2W 5 TA52	
		R951	0RN0270H609	RESISTOR FIX METAL FILM 0.27 1/2W 5 TA52	
		R952	0RD1502G609	RESISTOR,FIXED CARBON FILM 15K 1/4W 5 TA52	
		R953	0RH5602D622	RESISTOR CHIP 56K 1/10W 5 D.R/TP	
		R954	0RH2001D622	RESISTOR CHIP 2.0K 1/10W 5 D.R/TP	
		R955	0RS1003J609	RESISTOR,FIX METAL FILM OXIDE 100K 1W 5% TA52	
		R956	0RD7501G609	RESISTOR,FIXED CARBON FILM 7.5K 1/4W 5 TA52	
		R957	0RD1000G609	RESISTOR,FIXED CARBON FILM 100 1/4W 5 TA52	
		R958	0RD0472G609	RESISTOR,FIXED CARBON FILM 47 1/4W 5 TA52	
		R959	0RH1001D622	RESISTOR CHIP 1.0K 1/10W 5 D.R/TP	
		J12	0RD0000F609	RESISTOR,FIXED CARBON FILM 0 1/6W 5 TA52	
		J13	0RD0000F609	RESISTOR,FIXED CARBON FILM 0 1/6W 5 TA52	
		J14	0RD0000F609	RESISTOR,FIXED CARBON FILM 0 1/6W 5 TA52	
		J15	0RD0000G609	RESISTOR,FIXED CARBON FILM 0.0 1/4W 5 TA52	
		J17	0RD0000F609	RESISTOR,FIXED CARBON FILM 0 1/6W 5 TA52	
		J18	0RD0000G609	RESISTOR,FIXED CARBON FILM 0.0 1/4W 5 TA52	
		J2	0RD0000F609	RESISTOR,FIXED CARBON FILM 0 1/6W 5 TA52	
		J20	0RD0000G609	RESISTOR,FIXED CARBON FILM 0.0 1/4W 5 TA52	
		J21	0RD0000G609	RESISTOR,FIXED CARBON FILM 0.0 1/4W 5 TA52	
		J26	0RD0000F609	RESISTOR,FIXED CARBON FILM 0 1/6W 5 TA52	
		J27	0RD0000F609	RESISTOR,FIXED CARBON FILM 0 1/6W 5 TA52	
		J4	0RD0000G609	RESISTOR,FIXED CARBON FILM 0.0 1/4W 5 TA52	
		J40	0RD0000G609	RESISTOR,FIXED CARBON FILM 0.0 1/4W 5 TA52	
		J41	0RD0000F609	RESISTOR,FIXED CARBON FILM 0 1/6W 5 TA52	
		J43	0RD0000F609	RESISTOR,FIXED CARBON FILM 0 1/6W 5 TA52	
		J47	0RD0000F609	RESISTOR,FIXED CARBON FILM 0 1/6W 5 TA52	
		J48	0RD0000G609	RESISTOR,FIXED CARBON FILM 0.0 1/4W 5 TA52	
		J49	0RD0000G609	RESISTOR,FIXED CARBON FILM 0.0 1/4W 5 TA52	
		J5	0RD0000F609	RESISTOR,FIXED CARBON FILM 0 1/6W 5 TA52	
		J60	0RD0000G609	RESISTOR,FIXED CARBON FILM 0.0 1/4W 5 TA52	
		J62	0RD0000G609	RESISTOR,FIXED CARBON FILM 0.0 1/4W 5 TA52	

MODEL: StudioWorks 76i DATE: 1996 . 4. 20.

S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		J64	0RD0000G609	RESISTOR,FIXED CARBON FILM 0.0 1/4W 5 TA52	
		VR501	180-499N	RESISTOR RH0638C001 B474 HORIZONTAL<TA>	
		VR701	180-499K	RESISTOR RH0638C001 B473 HORIZONTAL<TA>	
		VR702	180-499E	RESISTOR RH0638C001 B222 HORIZONTAL<TA>	
		VR901	180-499B	RESISTOR RH0638C001 B331 HORIZONTAL<TA>	
	OTHERS				
⚠		F901	131-040E	FUSE HBC 250V 5A UL/S TRIAD	
		P401	366-183J	PIN MOLEX53014-1010	
		P401	387-856L	CONNECTOR ASSY, P401-P303 10P L360 H-H 1061#26	
		P402	366-921E	PIN WAFER IL-G 6(2.5S)	
		P403	366-183G	PIN MOLEX53014-0810	
		P403	387-856V	CONNECTOR ASSY, P403-P201 8P,H-H,L160,CS770	
		P404	366-183H	PIN MOLEX53014-0910	
		P404	387-856M	CONNECTOR ASSY, P404-P304 9P L360 H-H 1061#26	
		P501	366-921B	PIN WAFER IL-G 3(2.5S)	
		P601	366-139B	PIN BW-603J(BAEEUN)	
		P701	366-112C	PIN BW-503L(BAEEUN)	
		P901	366-112B	PIN BW-502L(BAEEUN)	
		PG1	302-987A	CASE TERMINAL EARTH	
		PG2	302-987A	CASE TERMINAL EARTH	
⚠		RL901	141-040A	RELAY 0MI-SS-205L	
		SG701	165-004A	SPARK GAP AG20PT 152F-L3N/S-23	
		SW701	140-079A	SWITCH BAND SELECTION (JRS-1301)	
⚠		T701	154-245A	FBT Y265274 HITACHI	
		T702	151-483C	TRANSFORMER FBT DUMMY EER3435 1.0MH	
		T703	151-396D	TRANSFORMER H-DRIVE TRANS(NAMYANG)	
⚠		T901	6170TMZ001A	TRANSFORMER, SMPS SMPS, EER4942 (SC/NY) CS771	
⚠		T902	151-414E	TRANSFORMER D/D PULSE TRANS(NAMYANG)	
		TH901	163-046B	THERMISTOR B57234-S150-M54(TA,SIEMENS)	
		TH902	163-067B	THERMISTOR ECPBC140M290	
		X401	156-025A	CRYSTAL 8.0MHZ	
			381-228E	SOCKET 03ME3D(MW)-K	
	CONTROL BOARD				
		C201	0CN1040K949	CAPACITOR TUBULA(HIGH DIELE) 0.1M 50V Z F TA52	
		C202	0CN1040K949	CAPACITOR TUBULA(HIGH DIELE) 0.1M 50V Z F TA52	
		D201	0DL138000AA	DIODE, LED KLRG138 KEC	
	or	D201	0DL571300AA	DIODE, LED SPR571MVW3 ROHM	
		Q201	0TR114009AB	TRANSISTOR DTC114ES,TP,ROHM	
		Q202	0TR114009AB	TRANSISTOR DTC114ES,TP,ROHM	
		R201	0RD1101F609	RESISTOR, FIXED CARBON FILM 1.1K 1/6W 5 TA52	
		R202	0RD1301F609	RESISTOR, FIXED CARBON FILM 1.3K 1/6W 5 TA52	

S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R203	0RD1801F609	RESISTOR, FIXED CARBON FILM 1.8K 1/6W 5 TA52	
		R204	0RD2201F609	RESISTOR, FIXED CARBON FILM 2.2K 1/6W 5 TA52	
		R205	0RD3301F609	RESISTOR, FIXED CARBON FILM 3.3K 1/6W 5 TA52	
		R206	0RD5101F609	RESISTOR, FIXED CARBON FILM 5.1K 1/6W 5 TA52	
		R207	0RD1001F609	RESISTOR, FIXED CARBON FILM 1.0K 1/6W 5 TA52	
		R208	0RD5100F609	RESISTOR, FIXED CARBON FILM 510 1/6W 5 TA52	
		R209	0RD1001F609	RESISTOR, FIXED CARBON FILM 1.0K 1/6W 5 TA52	
		R210	0RD5100F609	RESISTOR, FIXED CARBON FILM 510 1/6W 5 TA52	
		VR201	180-502D	RESISTOR EC11B15B0Z01,NON-CLICK,ENCORD	
		P201	366-184G	PIN MOLEX53015-0810	
		P202	366-184F	PIN MOLEX53015-0710	
		P202	387-856K	CONNECTOR ASSY, P202-P203 7P 2.0 H-H L200	
		P203	366-184F	PIN MOLEX53015-0710	
		SW201	140-058D	SWITCH,TACT, SKHV 10911A (7MM)	
		SW202	6600TR3001A	SWITCH,TACT, ESE11SH1(MATSUSHITA)	
		SW203	6600TR3001A	SWITCH,TACT, ESE11SH1(MATSUSHITA)	
		SW204	6600TR3001A	SWITCH,TACT, ESE11SH1(MATSUSHITA)	
		SW205	6600TR3001A	SWITCH,TACT, ESE11SH1(MATSUSHITA)	
		SW206	140-058D	SWITCH TACT SKHV 10911A (7MM)	
VIDEO BOARD					
CAPACITOR					
		C301	0CE1056K618	CAPACITOR, ELECTROLYTIC 1.0U SMS 50V M FM5 TP5	
		C302	0CE1056K618	CAPACITOR, ELECTROLYTIC 1.0U SMS 50V M FM5 TP5	
		C303	0CE1056K618	CAPACITOR, ELECTROLYTIC 1.0U SMS 50V M FM5 TP5	
		C304	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C305	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C306	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C307	0CE4766F618	CAPACITOR, ELECTROLYTIC 47U SMS 16V M FM5 TP5	
		C308	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C309	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C310	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C311	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C312	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C313	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C314	0CE476CN618	CAPACITOR, ELECTROLYTIC 47UF SHL 100V M FL TP5	
		C315	0CX5600K409	CAPACITOR TUBULA(T.C) 56P 50V J SL TA52	
		C316	0CX5600K409	CAPACITOR TUBULA(T.C) 56P 50V J SL TA52	
		C317	0CX5600K409	CAPACITOR TUBULA(T.C) 56P 50V J SL TA52	
		C318	0CN2210K519	CAPACITOR,TUBULAR(HIGH DIELEC) 220P 50V K B TA52	
		C319	0CN2210K519	CAPACITOR,TUBULAR(HIGH DIELEC) 220P 50V K B TA52	
		C320	0CN2210K519	CAPACITOR,TUBULAR(HIGH DIELEC) 220P 50V K B TA52	
		C321	0CN1030H949	CAPACITOR,TUBULAR(HIGH DIELEC) 0.0100UF 25V Z F TA52	
		C322	0CQ1031N419	CAPACITOR POLYESTER(MYLAR) 0.01U 100V J POLY NI TP	

MODEL: StudioWorks 76i DATE: 1996 . 4. 20.

S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		C324	181-288B	CAPACITOR MKT 100V 104JTR PHS26104	
		C325	181-288B	CAPACITOR MKT 100V 104JTR PHS26104	
		C326	0CE1056N618	CAPACITOR, ELECTROLYTIC 1.0M SMS 100V M FM(5) TP(5)	
		C327	0CE1056N618	CAPACITOR, ELECTROLYTIC 1.0M SMS 100V M FM(5) TP(5)	
		C328	0CE1056N618	CAPACITOR, ELECTROLYTIC 1.0M SMS 100V M FM(5) TP(5)	
		C329	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C330	0CK10301510	CAPACITOR, CERAMIC(HIGH DIELE) 0.01M 1KV K B S	
		C331	0CK2220W515	CAPACITOR CERAMIC(HIGH DIELE) 2200P 500V K B TS	
		C332	0CE4766F618	CAPACITOR, ELECTROLYTIC 47U SMS 16V M FM5 TP5	
		C333	0CE1066F618	CAPACITOR, ELECTROLYTIC 10UF SMS 16V M FL TP5	
		C334	0CE1056N618	CAPACITOR, ELECTROLYTIC 1.0M SMS 100V M FM(5) TP(5)	
		C335	0CX5600K409	CAPACITOR TUBULA(T.C) 56P 50V J SL TA52	
		C336	0CE4756R618	CAPACITOR, ELECTROLYTIC 4.7U SMS 250V M FL TP5	
		C337	0CK2220W515	CAPACITOR CERAMIC(HIGH DIELE) 2200P 500V K B TS	
		C338	0CE476CN618	CAPACITOR, ELECTROLYTIC 47UF SHL 100V M FL TP5	
		C339	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C340	0CE2276F618	CAPACITOR, ELECTROLYTIC 220UF SMS 16V M FL TP5	
		C341	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C342	0CH1104K946	CHIP CAPACITOR 0.1M 50V Z 2.0*1.25 R/TP	
		C343	0CE1066N618	CAPACITOR, ELECTROLYTIC 10M SMS 100V M FM5 TP5	
	DIODE				
		D301	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D302	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D303	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D304	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D305	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D306	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D307	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D308	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D309	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D310	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D311	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D312	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D313	0DZ820009AA	DIODE,ZENER MTZ8.2B,TP(52MM),ROHM	
		D314	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
		D315	0DD131009AC	DIODE 1SS131 SWIT TP TP ROHM	
	IC				
		IC301	0IMO132820A	IC MC13282	
		IC302	0ICG242200A	IC CVA2422	
		IC302	407-S54A	PLATE H/SINK VIDEO IN	

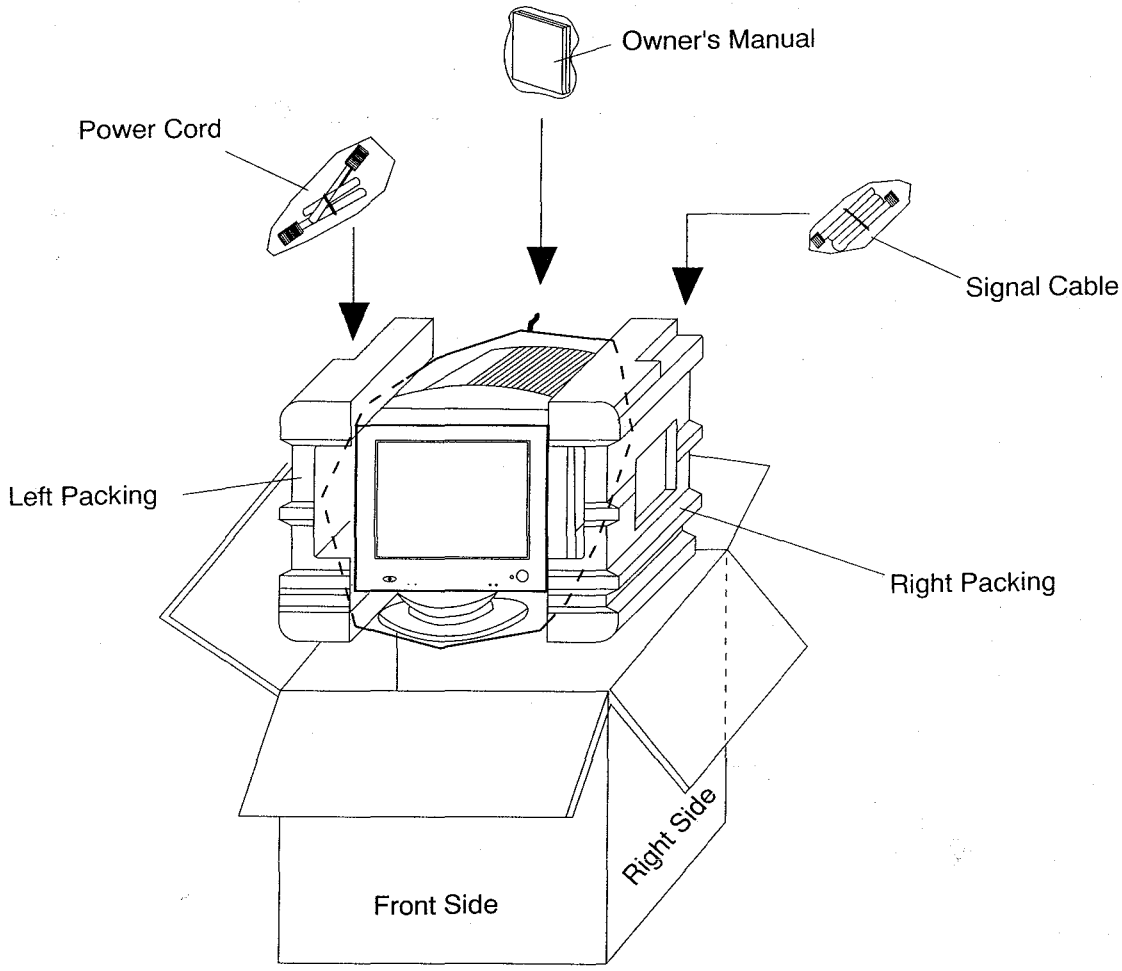
MODEL: StudioWorks 76i DATE: 1996 . 4. 20.

S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		COIL & CORE			
		L301	6200TEZ001A	FILTER,CAPACITOR ZJSC-R10-120(TA) TDK	
		L302	6200TEZ001A	FILTER,CAPACITOR ZJSC-R10-120(TA) TDK	
		L303	6200TEZ001A	FILTER,CAPACITOR ZJSC-R10-120(TA) TDK	
		L304	125-022J	CORE (CIRC) FERRITE KQ-1(TAPING)	
		L305	125-022J	CORE (CIRC) FERRITE KQ-1(TAPING)	
		L306	125-022J	CORE (CIRC) FERRITE KQ-1(TAPING)	
		L307	125-155G	CORE (CIRC) BEAD(BFS3550R2FG)SAMHWA	
		L308	125-155G	CORE (CIRC) BEAD(BFS3550R2FG)SAMHWA	
		L309	0LA0220K119	INDUCTOR AXIAL LEAD 0.22UH K 2.3*3.4 TP	
		L310	0LA0220K119	INDUCTOR AXIAL LEAD 0.22UH K 2.3*3.4 TP	
		L311	0LA0220K119	INDUCTOR AXIAL LEAD 0.22UH K 2.3*3.4 TP	
		L312	125-155B	CORE (CIRC) BEAD(BFS3580R2FG)SAMHWA	
		L313	125-155J	CORE (CIRC) BEAD(BFS2550A0FG)SAMHWA	
		L314	125-155J	CORE (CIRC) BEAD(BFS2550A0FG)SAMHWA	
		L315	125-155J	CORE (CIRC) BEAD(BFS2550A0FG)SAMHWA	
		L316	125-155J	CORE (CIRC) BEAD(BFS2550A0FG)SAMHWA	
		L317	125-135P	CORE (CIRC) BEAD(BFS2550R2F)SAMHWA	
		L318	125-135P	CORE (CIRC) BEAD(BFS2550R2F)SAMHWA	
		TRANSISTOR			
		Q301	0TR236909AA	TRANSISTOR MPS2369,TP,MOTOROLA	
		Q302	0TR236909AA	TRANSISTOR MPS2369,TP,MOTOROLA	
		Q303	0TR236909AA	TRANSISTOR MPS2369,TP,MOTOROLA	
		Q304	0TR102409AB	TRANSISTOR KTA1024-Y (KTA949) TP KEC	
		Q305	0TR102409AB	TRANSISTOR KTA1024-Y (KTA949) TP KEC	
		Q306	0TR102409AB	TRANSISTOR KTA1024-Y (KTA949) TP KEC	
		Q307	0TR320609AB	TRANSISTOR KTC3206-Y,TP(KTC2229),KEC	
		Q308	0TR320509AB	TRANSISTOR KTC3205-Y (KTC2236A) TP KEC	
		RESISTOR			
		R301	0RH0752D622	RESISTOR CHIP 75 1/10W 5 D.R/TP	
		R302	0RH0752D622	RESISTOR CHIP 75 1/10W 5 D.R/TP	
		R303	0RH0752D622	RESISTOR CHIP 75 1/10W 5 D.R/TP	
		R306	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R307	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R308	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R309	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R311	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R313	0RD0682F609	RESISTOR,FIXED CARBON FILM 68 1/6W 5 TA52	
		R314	0RD0682F609	RESISTOR,FIXED CARBON FILM 68 1/6W 5 TA52	
		R315	0RD0682F609	RESISTOR,FIXED CARBON FILM 68 1/6W 5 TA52	
		R316	0RD3300F609	RESISTOR,FIXED CARBON FILM 330 1/6W 5 TA52	
		R317	0RD3300F609	RESISTOR,FIXED CARBON FILM 330 1/6W 5 TA52	

MODEL: StudioWorks 76i					DATE: 1996 . 4. 20.
S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R318	0RD3300F609	RESISTOR,FIXED CARBON FILM 330 1/6W 5 TA52	
		R319	0RD7501F609	RESISTOR,FIXED CARBON FILM 7.5K 1/6W 5 TA52	
		R320	0RD7501F609	RESISTOR,FIXED CARBON FILM 7.5K 1/6W 5 TA52	
		R321	0RD7501F609	RESISTOR,FIXED CARBON FILM 7.5K 1/6W 5 TA52	
		R322	0RH0562D622	RESISTOR CHIP 56 1/10W 5 D.R/TP	
		R323	0RH0562D622	RESISTOR CHIP 56 1/10W 5 D.R/TP	
		R324	0RH0562D622	RESISTOR CHIP 56 1/10W 5 D.R/TP	
		R325	0RH0562D622	RESISTOR CHIP 56 1/10W 5 D.R/TP	
		R326	0RH0562D622	RESISTOR CHIP 56 1/10W 5 D.R/TP	
		R327	0RH0562D622	RESISTOR CHIP 56 1/10W 5 D.R/TP	
		R328	0RH0392D622	RESISTOR CHIP 39 1/10W 5 D.R/TP	
		R329	0RH0392D622	RESISTOR CHIP 39 1/10W 5 D.R/TP	
		R330	0RH0392D622	RESISTOR CHIP 39 1/10W 5 D.R/TP	
		R331	0RD0332F609	RESISTOR,FIXED CARBON FILM 33 1/6W 5 TA52	
		R332	0RD0332F609	RESISTOR,FIXED CARBON FILM 33 1/6W 5 TA52	
		R333	0RD0332F609	RESISTOR,FIXED CARBON FILM 33 1/6W 5 TA52	
		R334	0RH1000D622	RESISTOR CHIP 100 1/10W 5 D.R/TP	
		R335	0RH1000D622	RESISTOR CHIP 100 1/10W 5 D.R/TP	
		R336	0RH1000D622	RESISTOR CHIP 100 1/10W 5 D.R/TP	
		R337	0RD0222G609	RESISTOR,FIXED CARBON FILM 22 1/4W 5 TA52	
		R338	0RD0222G609	RESISTOR,FIXED CARBON FILM 22 1/4W 5 TA52	
		R339	0RD0222G609	RESISTOR,FIXED CARBON FILM 22 1/4W 5 TA52	
		R340	0RD1202H609	RESISTOR,FIXED CARBON FILM 12K 1/2W 5 TA52	
		R341	0RD1202H609	RESISTOR,FIXED CARBON FILM 12K 1/2W 5 TA52	
		R342	0RD1202H609	RESISTOR,FIXED CARBON FILM 12K 1/2W 5 TA52	
		R343	0RD1004G609	RESISTOR,FIXED CARBON FILM 1.0M 1/4W 5 TA52	
		R344	0RD1004G609	RESISTOR,FIXED CARBON FILM 1.0M 1/4W 5 TA52	
		R345	0RD1004G609	RESISTOR,FIXED CARBON FILM 1.0M 1/4W 5 TA52	
		R346	0RD5600G609	RESISTOR,FIXED CARBON FILM 560 1/4W 5 TA52	
		R347	0RD5600G609	RESISTOR,FIXED CARBON FILM 560 1/4W 5 TA52	
		R348	0RD5600G609	RESISTOR,FIXED CARBON FILM 560 1/4W 5 TA52	
		R349	0RH4702D622	RESISTOR CHIP 47K 1/10W 5 D.R/TP	
		R350	0RH4702D622	RESISTOR CHIP 47K 1/10W 5 D.R/TP	
		R351	0RH4702D622	RESISTOR CHIP 47K 1/10W 5 D.R/TP	
		R352	0RH2202D622	RESISTOR CHIP 22K 1/10W 5 D.R/TP	
		R353	0RH2202D622	RESISTOR CHIP 22K 1/10W 5 D.R/TP	
		R354	0RH4702D622	RESISTOR CHIP 47K 1/10W 5 D.R/TP	
		R355	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R356	0RH1002D622	RESISTOR CHIP 10K 1/10W 5 D.R/TP	
		R357	0RD1003F609	RESISTOR,FIXED CARBON FILM 100K 1/6W 5 TA52	
		R358	0RD1500G609	RESISTOR,FIXED CARBON FILM 150 1/4W 5 TA52	
		R359	0RD2403F609	RESISTOR,FIXED CARBON FILM 240K 1/6W 5 TA52	
		R360	0RH2200D622	RESISTOR CHIP 220 1/10W 5 D.R/TP	

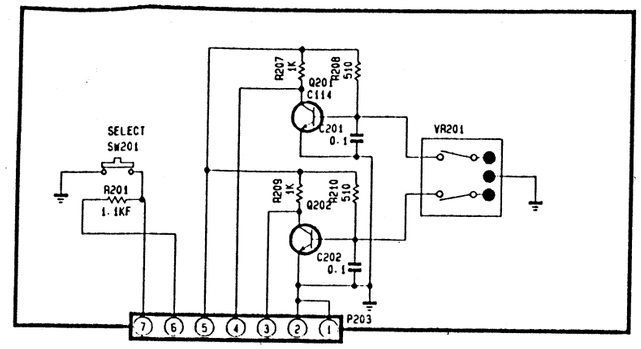
MODEL: StudioWorks 76i					DATE: 1996 . 4. 20.
S	AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R361	0RD1502G609	RESISTOR,FIXED CARBON FILM 15K 1/4W 5 TA52	
		R362	0RH0000D622	RESISTOR,CHIP 0 1/10W P-TYPE TAPPING	
		R363	0RH0000D622	RESISTOR,CHIP 0 1/10W P-TYPE TAPPING	
		R364	0RD1003F609	RESISTOR,FIXED CARBON FILM 100K 1/6W 5 TA52	
		R365	0RH1802D622	RESISTOR CHIP 18K 1/10W 5 D.R/TP	
		R366	0RD2202F609	RESISTOR,FIXED CARBON FILM 22K 1/6W 5 TA52	
		R367	0RD0472G609	RESISTOR,FIXED CARBON FILM 47 1/4W 5 TA52	
		R368	0RD0472G609	RESISTOR,FIXED CARBON FILM 47 1/4W 5 TA52	
		R369	0RD0472G609	RESISTOR,FIXED CARBON FILM 47 1/4W 5 TA52	
		J321	0RD0000F609	RESISTOR,FIXED CARBON FILM 0 1/6W 5 TA52	
		J322	0RD0000F609	RESISTOR,FIXED CARBON FILM 0 1/6W 5 TA52	
		J330	0RD0000G609	RESISTOR,FIXED CARBON FILM 0.0 1/4W 5 TA52	
		J332	0RD0000F609	RESISTOR,FIXED CARBON FILM 0 1/6W 5 TA52	
		J333	0RD0000F609	RESISTOR,FIXED CARBON FILM 0 1/6W 5 TA52	
		J335	0RD0000G609	RESISTOR,FIXED CARBON FILM 0.0 1/4W 5 TA52	
		J336	0RD0000F609	RESISTOR,FIXED CARBON FILM 0 1/6W 5 TA52	
		VR301	180-038K	RESISTOR EVM-EGS AOOB24	
		VR302	180-038K	RESISTOR EVM-EGS AOOB24	
	OTHERS				
		P301	366-167A	PIN BW-501S (17MM)	
		P302	366-922E	WAFER WAFER IL-G(AN) 6P 2.5M/M	
		P303	366-184J	PIN MOLEX53015-1010	
		P304	366-184H	PIN MOLEX53015-0910	
		P305	366-112B	PIN BW-502L(BAEEUN)	
		SG301	165-012A	SPARK GAP DSP-301N-A21F	
		SG302	165-012A	SPARK GAP DSP-301N-A21F	
		SG303	165-012A	SPARK GAP DSP-301N-A21F	
		SG304	165-004A	SPARK GAP AG20PT 152F-L3N/S-23	
		SG305	165-004A	SPARK GAP AG20PT 152F-L3N/S-23	
			381-094L	SOCKET CPT 033-0-7700-41(METALLO)	
	MISCELANEOUS				
⚠		CRT	112-882A	CRT (NORTHERN HEMISPHERE) M41KVZ680X72(Q)	
⚠	or	CRT	2423GC0081A	CRT (EQUATORIAL HEMISPHERE) M41LFQ803X01R	
⚠	or	CRT	2423GC0B81R	CRT (SOUTHERN HEMISPHERE) M41LFQ803X01S	
⚠	or	CRT	2423GC0B81A	CRT (FOR JAPAN) M41LFQ803X01N	
		D/COIL	150-B16A	COIL DEGUSSING (CF787)	
		EARTH	170-128D	CRT EARTH CS771	
		P/CORD	174-206F	CORD WALL, 6FT, IVORY, NS, (I-SHENG) FOR USA / CAN / AUS	
	or	P/CORD	174-195B	CORD, PC-OUT, IS011+IS14, 5FT, FOR EUROPE	
	or	P/CORD	174-240A	CORD, WALL, 6FT, BK, FOR JAPAN	
		S/CABLE	387-850C	CONNECTOR ASSY 2990-9C, DT, L1520, IVORY	

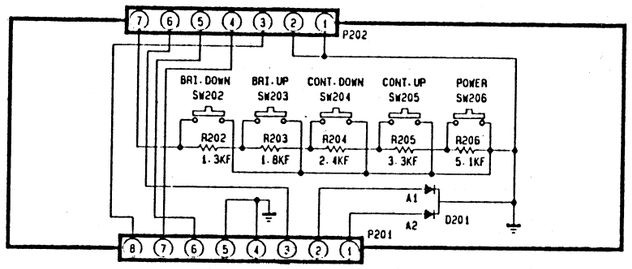
PACKING AND ACCESSORY

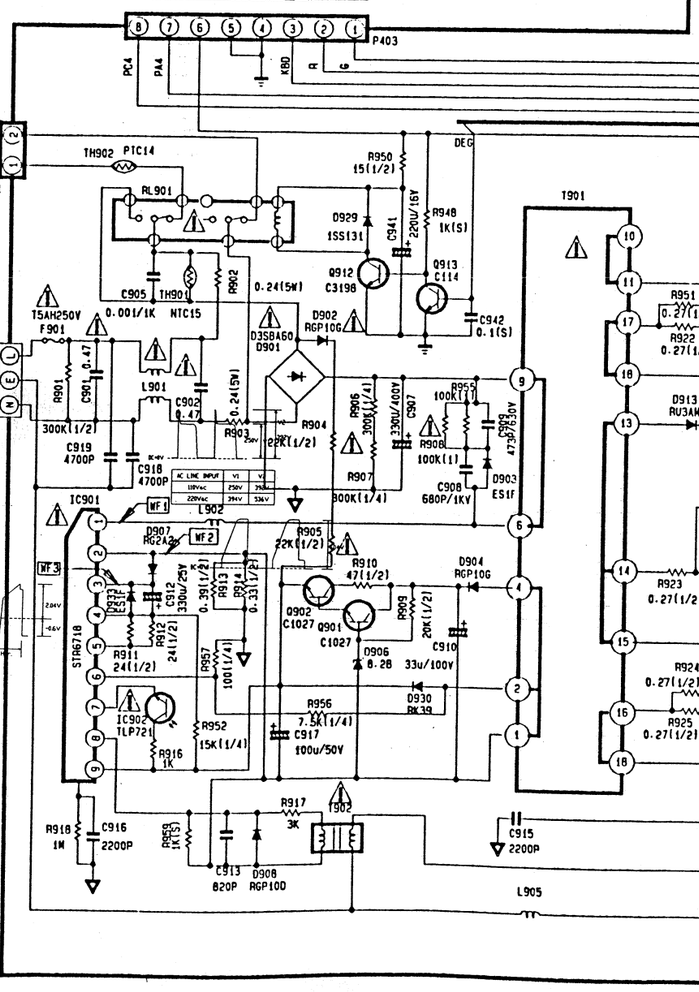


CA38 SCHEMATIC DIAGRAM(CS770)

SCHEMATIC DIAGRAM(MAIN)

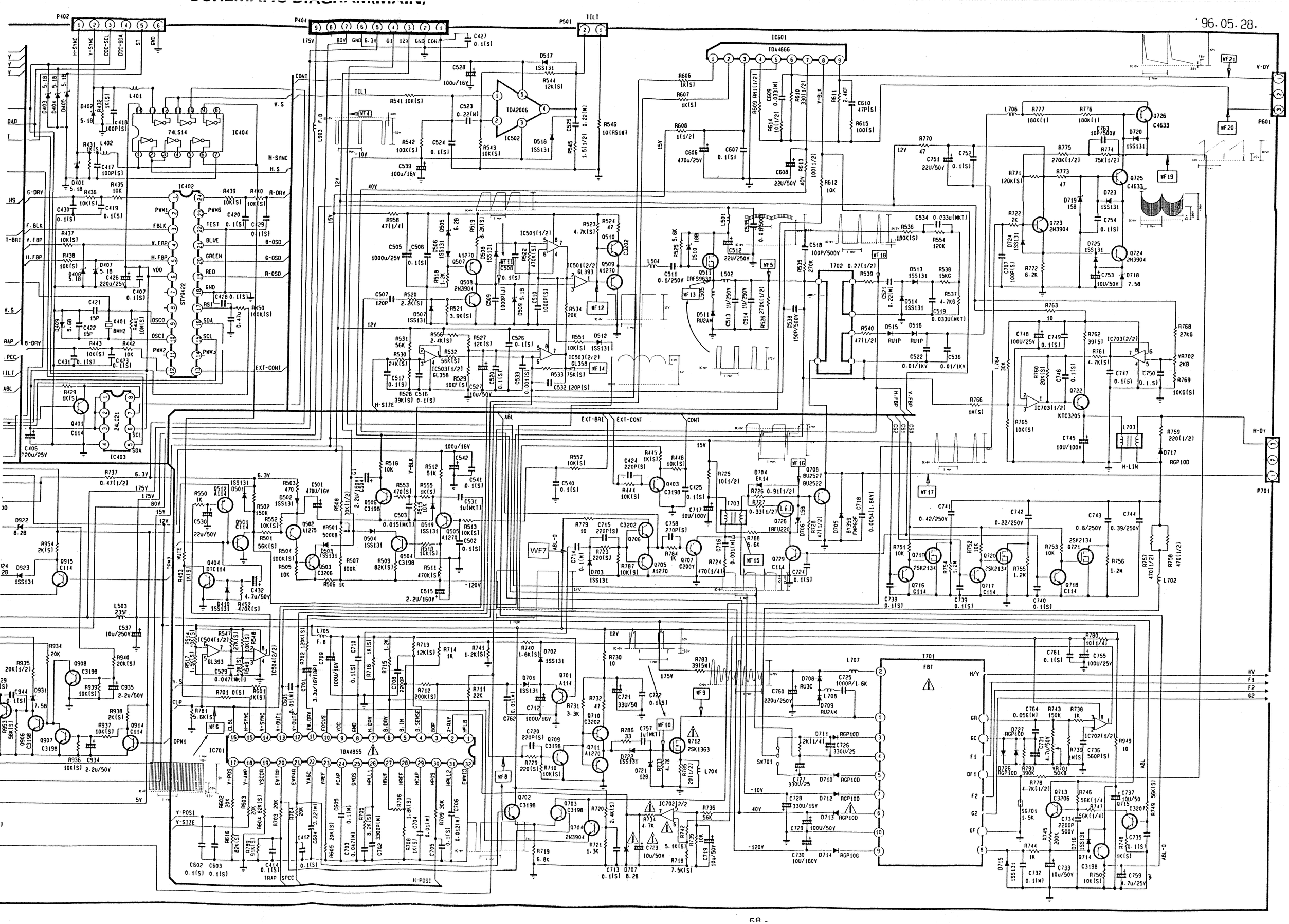


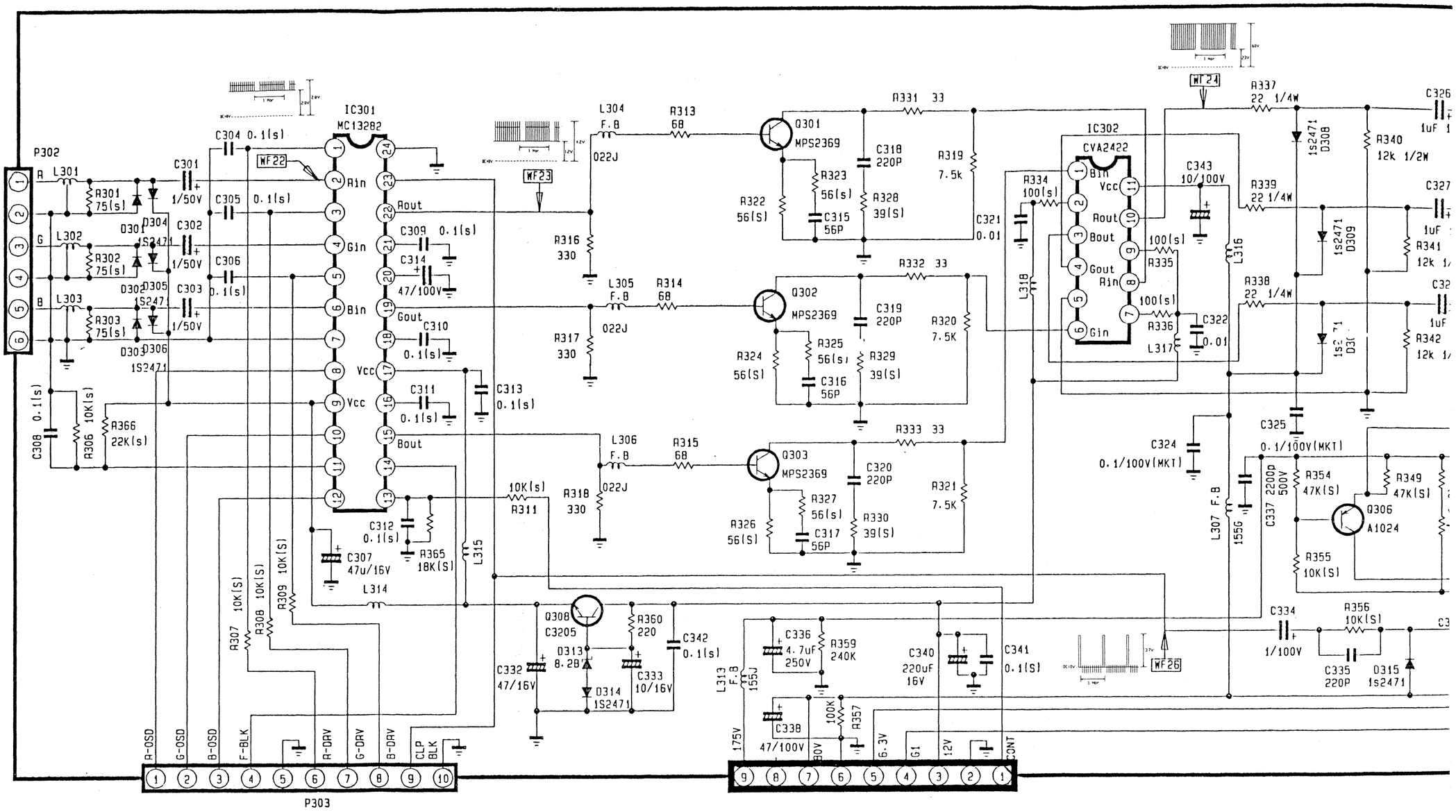




SCHEMATIC DIAGRAM(A)

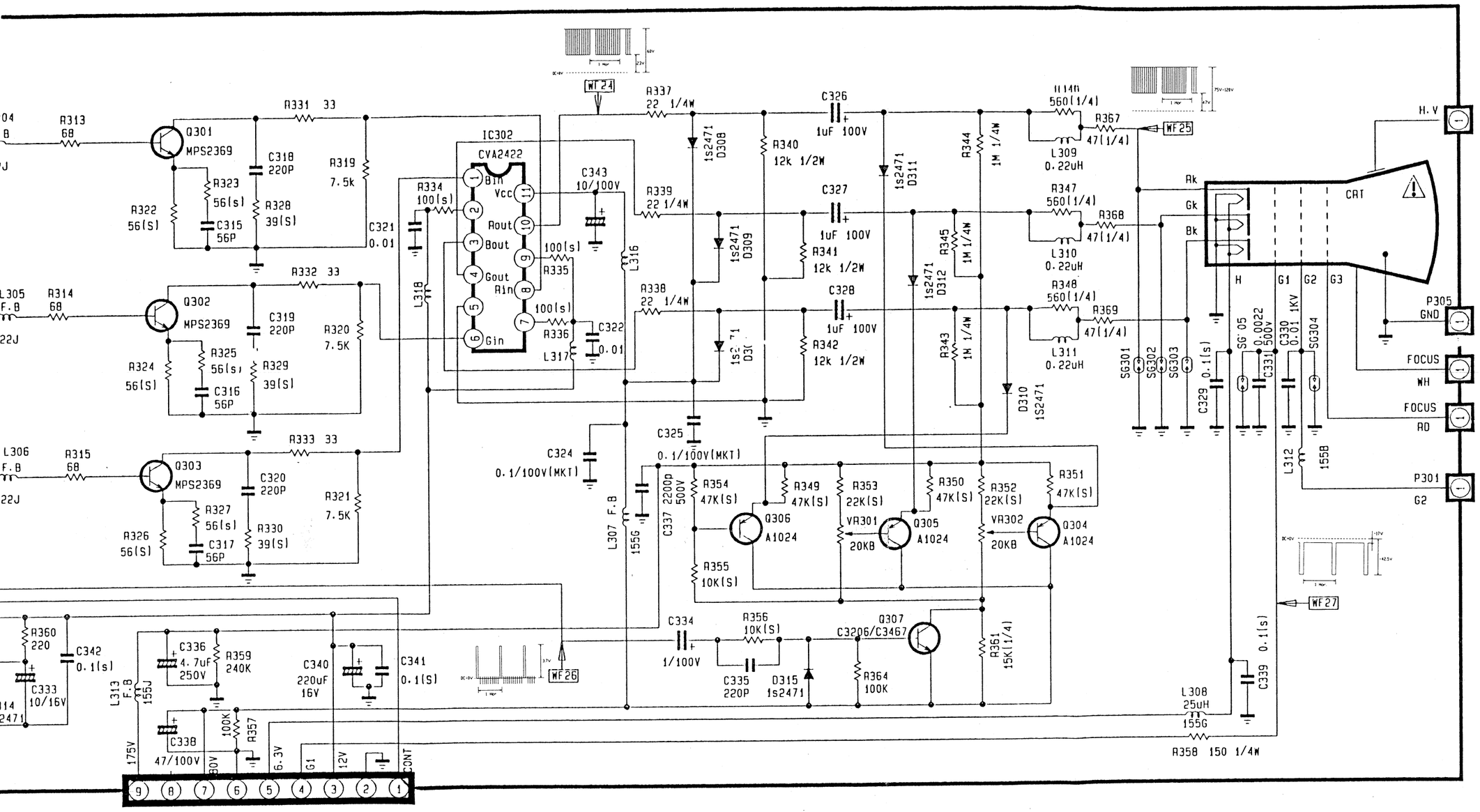
'96.05.28.



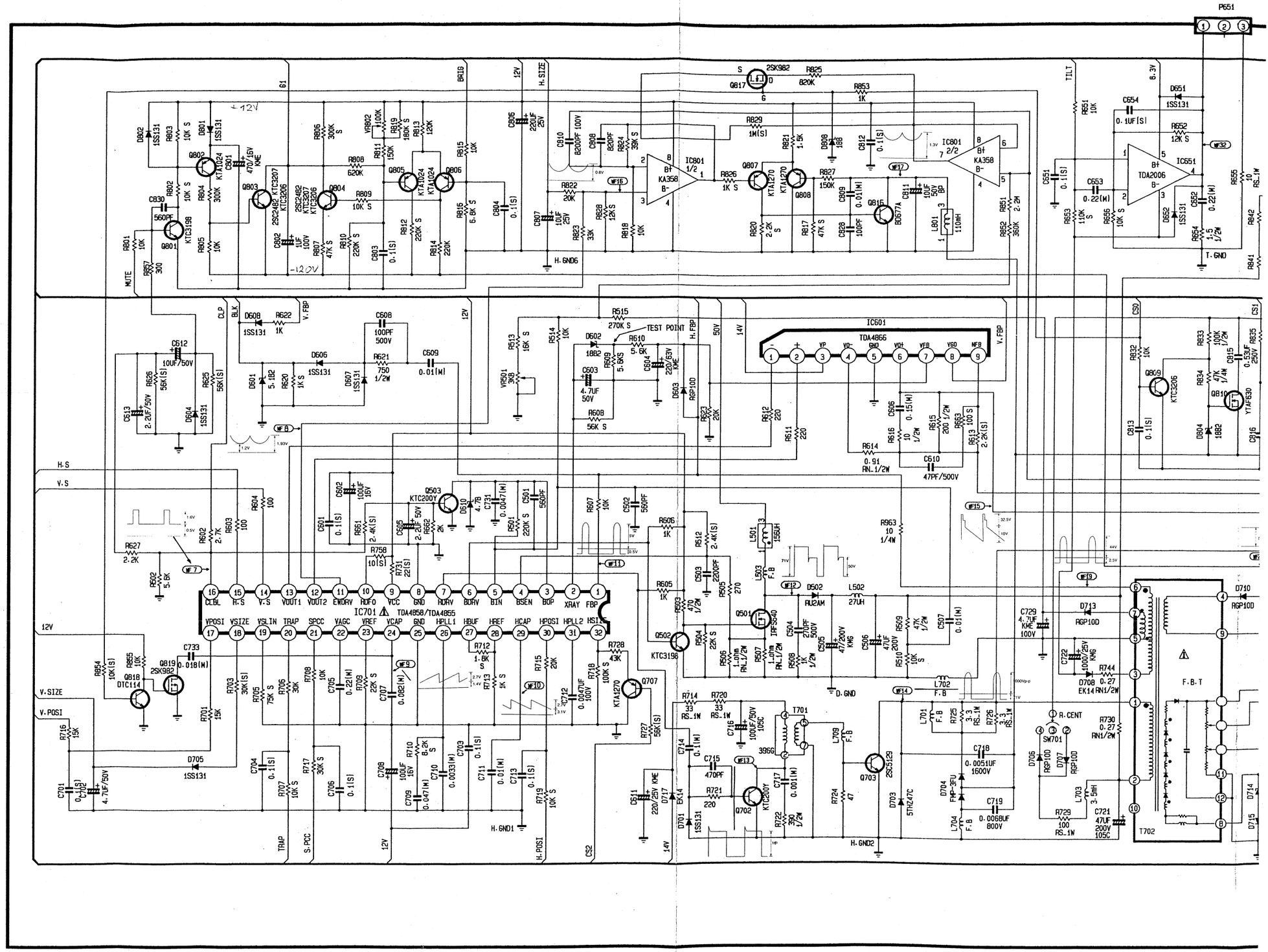

P302
IC301
MC13282
Ain
Aout
Gin
Bin
Gout
Vcc
Bout
WF22
WF23
WF24
WF26
L301
L302
L303
R301 75(s)
R302 75(s)
R303 75(s)
C301 1/50V
C302 1/50V
C303 1/50V
D304 1S2471
D305 1S2471
D306 1S2471
C304 0.1(s)
C305 0.1(s)
C306 0.1(s)
C308 0.1(s)
R306 10K(s)
R366 22K(s)
C309 0.1(s)
C314 47/100V
C310 0.1(s)
C311 0.1(s)
C312 0.1(s)
C313 0.1(s)
R365 18K(S)
C307 47u/16V
L314
L315
R307 10K(S)
R308 10K(S)
R309 10K(S)
L304 F.B
L305 F.B
L306 F.B
R313 68
R314 68
R315 68
R316 330
R317 330
R318 330
022J
R311 10K(s)
Q301 MPS2369
Q302 MPS2369
Q303 MPS2369
R322 56(S)
R323 56(s)
R324 56(S)
R325 56(s)
R326 56(S)
R327 56(s)
C315 56P
C316 56P
C317 56P
C318 220P
C319 220P
C320 220P
R328 39(S)
R329 39(S)
R330 39(S)
R319 7.5k
R320 7.5K
R321 7.5K
R331 33
R332 33
R333 33
C321 0.01
IC302
CVA2422
Bin
Vcc
Rout
Bout
Gout
Rin
Gin
R334 100(s)
R335 100(s)
R336 100(s)
C343 10/100V
C322 0.01
L316
L317
L318
R337 22 1/4W
R338 22 1/4W
R339 22 1/4W
R340 12k 1/2W
R341 12k 1/
R342 12k 1/
1S2471 D308
1S2471 D309
1S2471 D3(
C326 1uF
C327 1uF
C32 1uF
C325 0.1/100V(MKT)
C324 0.1/100V(MKT)
L307 F.B 155J
C337 2200p 500V
R354 47K(S)
R349 47K(S)
Q306 A1024
R355 10K(S)
R356 10K(S)
C334 1/100V
C335 220P
D315 1s2471
Q308 C3205
D313 8.2B
D314 1S2471
C332 47/16V
C333 10/16V
R360 220
C342 0.1(s)
L313 F.B 155J
C336 4.7uF 250V
R359 240K
C338 47/100V
100K
R357
C340 220uF 16V
C341 0.1(S)
175V
80V
6.3V
G1
12V
CONT
A-OSD
G-OSD
B-OSD
F-BLK
A-DRV
G-DRV
B-DRV
CLP BLK
P303

SCHEMATIC DIAGRAM(VIDEO)

96.05.28.

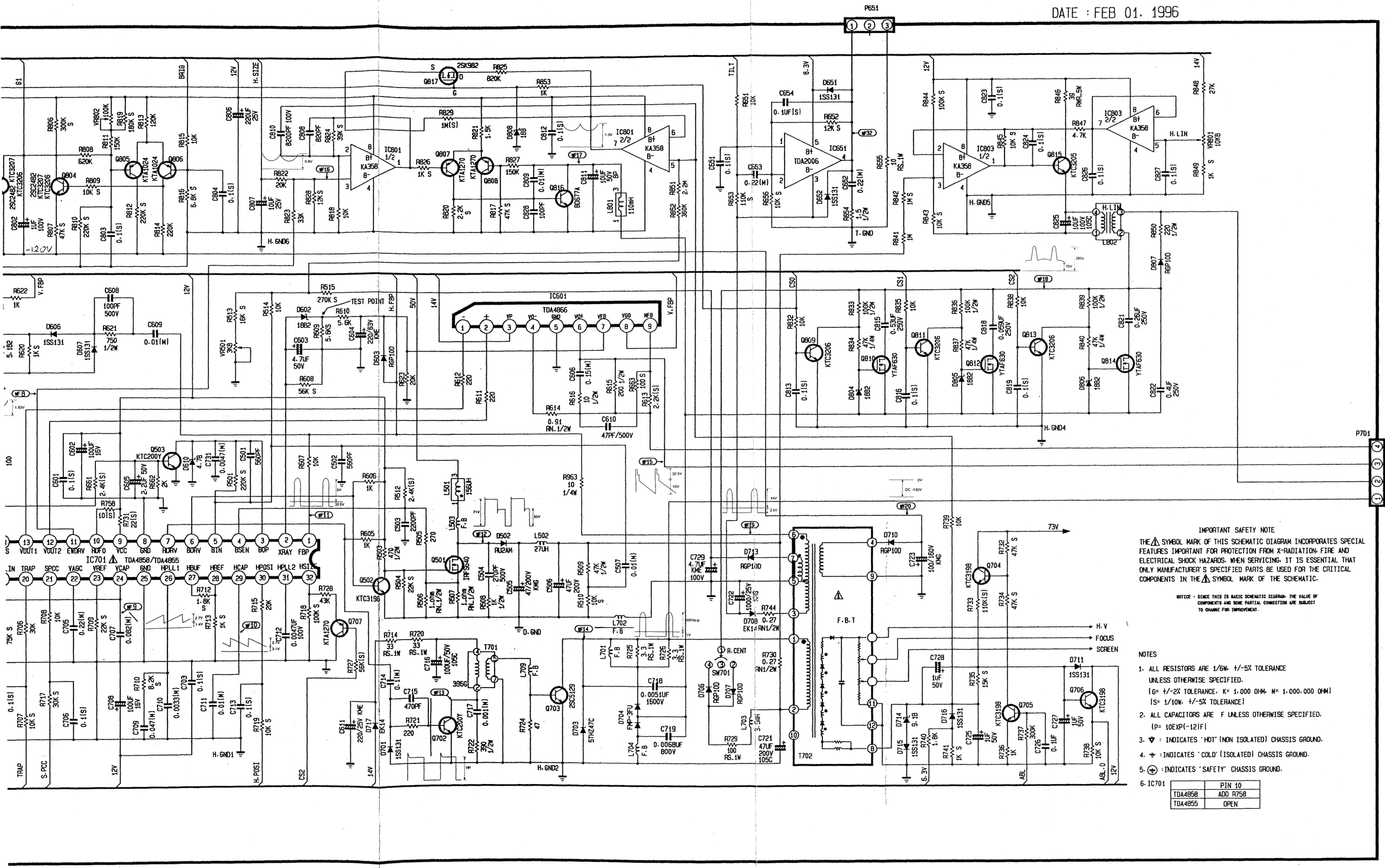


SCHEMATIC DIAGRAM (FOR MPR-II)



SCHEMATIC DIAGRAM (FOR MPR-II)

DATE : FEB 01. 1996


IC701 TDA4858/TDA4855
IC801 KA358
IC601 TDA4866
IC651 TDA2006
IC803 KA358
P651
P701
H.GND1
H.GND2
H.GND3
H.GND4
H.GND5
H.GND6
D.GND
T.GND
F.B.T
T702
H.V
FOCUS
SCREEN
H.DY
V.DY
-120V
73V
IMPORTANT SAFETY NOTE
THE ⚠ SYMBOL MARK OF THIS SCHEMATIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION, FIRE AND ELECTRICAL SHOCK HAZARDS. WHEN SERVICING, IT IS ESSENTIAL THAT ONLY MANUFACTURER'S SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE ⚠ SYMBOL MARK OF THE SCHEMATIC.
NOTICE : SINCE THIS IS BASIC SCHEMATIC DIAGRAM, THE VALUE OF COMPONENTS AND SOME PARTIAL CONNECTION ARE SUBJECT TO CHANGE FOR IMPROVEMENT.
NOTES
1. ALL RESISTORS ARE 1/6W, +/-5% TOLERANCE UNLESS OTHERWISE SPECIFIED. (G= +/-2% TOLERANCE, K= 1.000 OHM, M= 1.000.000 OHM) (S= 1/10W, +/-5% TOLERANCE)
2. ALL CAPACITORS ARE F UNLESS OTHERWISE SPECIFIED. (p= 10EXP(-12)F)
3. ▽ : INDICATES 'HOT' (NON ISOLATED) CHASSIS GROUND.
4. ⏚ : INDICATES 'COLD' (ISOLATED) CHASSIS GROUND.
5. ⊕ : INDICATES 'SAFETY' CHASSIS GROUND.
6. IC701
PIN 10
TDA4858 ADD R758
TDA4855 OPEN